

JVC

REVISED

SERVICE MANUAL

REAR PROJECTION TELEVISION

**HD-52Z575,
HD-52Z585,
HD-61Z575,
HD-61Z585**

BASIC CHASSIS

RP2



HD-ILA™
Powered by DILA

D.I.S.T.
Digital Image Scaling Technology

BBE

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

TABLE OF CONTENTS

1	PRECAUTIONS	1-3
2	SPECIFIC SERVICE INSTRUCTIONS	1-7
3	DISASSEMBLY	1-11
4	ADJUSTMENTS	1-23
5	TROUBLESHOOTING	1-34

SPECIFICATION

Items		Contents	
		HD-52Z575 HD-52Z585	HD-61Z575 HD-61Z585
Dimensions (W x H x D)		126.4cm x 91.4cm x 41.2cm (49-7/8" x 36 x 16-1/4")	145.6cm x 104.2cm x 47cm (57-3/8" x 41 x 18-1/2")
Mass		37.8kg (84lbs)	44.3kg (98lbs)
TV RF System		CCIR (M)	
Color System		NTSC	
Sound System		BTSC (Multi Channel Sound)	
Teletext System		Closed Caption (T1-T4 / CC1-CC4)	
TV Receiving Channels and Frequency	VHF Low VHF High UHF	54MHz~88MHz (02ch~06ch) 174MHz~216MHz (07ch~13ch) 470MHz~806MHz (14ch~69ch)	
	CATV	54MHz~804MHz Low Band : 02~06 by 02~06 High Band : 07~13 by 07~13 Mid Band : A~I by 14~22 Super Band : J~W by 23~36 Hyper Band : W+1~W+28 by 37~64 Ultra Band : W+29~W+84 by 65~94, 100~125 Sub Mid Band : A-8, A-4~A-1 by 01, 96~99	
TV / CATV Total Channel		180 Channels	
Intermediate Frequency	Video IF	45.75MHz	
	Sound IF	41.25MHz (4.5MHz)	
Color Sub Carrier		3.58MHz	
Power Input		AC120V, 60Hz	
Power Consumption		195W (Max)	
Projection Source		110W High-pressure mercury lamp	
Projection Device		D-ILA device (Reflection active matrix type LCD) x 3(R / G /B)	
Resolution		Total=H:1312 x V:800 [Effective =H:1280 x V:720]	
Screen		Transparent screen (unitized fresnel lens / lenticular lens), aspect ratio 16:9	
Screen Size		52" (132cm) Measured diagonally H:115.1cm(45-3/8") x V:64.8cm(25-5/8")	61" (155cm) Measured diagonally H:135cm(53-1/4") x V:76cm(30")
Speaker		10cm round x 2 (Oblique corn)	
Audio Power Output		10W+10W	
Antenna Terminal (VHF/UHF)		75Ω unbalanced, coaxial, F-type connector x 1	
External Input [INPUT-1/2/3/4]	Video	1V(p-p), 75 Ω, negative sync (RCA pin jack x 4)	
	Audio	500mV(rms) (-4dBs), high impedance (RCA pin jack x 8)	
	S-Video [INPUT-1/3/4]	Mini-DIN 4pin connector x 3 Y: 1V(p-p), positive, 75Ω, negative sync C: 0.286V(p-p) (burst signal)	
	Component Video [INPUT-1/2]	RCA pin jack x 6	
	720p/1080i	Y: 1V(p-p), (Sync signal : ±0.35V, 3-value sync.), 75Ω Pb/Pr : ±0.35V, 75Ω	
	480p/480i	Y: 1V(p-p), positive (negative sync), 75Ω Pb/Pr : 0.7V(p-p), 75Ω	
Digital Input	Video Audio	HDMI connector x 1 (This Digital-in terminal is not compatible with picture signals of personal computer.)	
		HDMI connector Digital : HDMI connector Analog : 500mV(rms) (-4dBs), high impedance (RCA pin jack x 2)	
Audio Output (VARI/FIX)		VARI : More than 0 to 1000mV(rms) (+2.2dBs) FIX : 500mV(rms) (-4dBs), low impedance (1kHz when modulated 100%) (RCA pin jack x 2)	
Sub woofer Output		More than 0 to 1000mV(rms) (+2.2dBs) (RCA pin jack x1)	
Center channel Input		500mV(rms) (-4dBs), high impedance (RCA pin jack x1)	
AV Compulink III		3.5mm mini jack x 1	
Remote Control Unit		RM-C15G (AA/R6/UM-3 battery x 2)	

Design & specifications are subject to change without notice.

SECTION 1

PRECAUTIONS

1.1 SAFETY PRECAUTIONS

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts that have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- (4) **Use isolation transformer when hot chassis.**
The chassis and any sub-chassis contained in some products are connected to one side of the AC power line. An isolation transformer of adequate capacity should be inserted between the product and the AC power supply point while performing any service on some products when the HOT chassis is exposed.
- (5) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED(NEUTRAL) : (↗) side GND and EARTH : (⊕) side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND at the same time.
If above note will not be kept, a fuse or any parts will be broken.
- (6) The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.
- (7) If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).
- (8) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.
- (9) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(10) Isolation Check

(Safety for Electrical Shock Hazard) After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screwheads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) Dielectric Strength Test

The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 1100V AC (r.m.s.) for a period of one second.

(. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)

This method of test requires test equipment not generally found in the service trade.

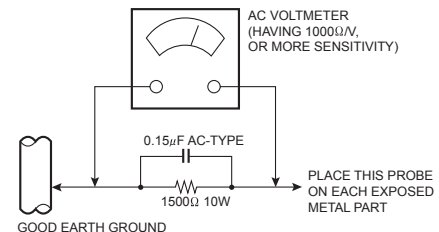
b) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

• Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).

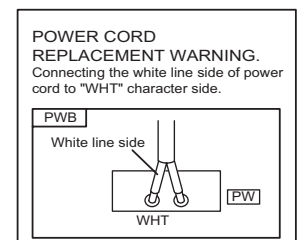
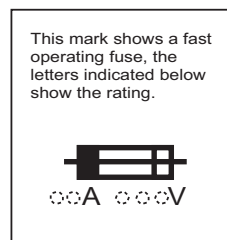
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



(11) High voltage hold down circuit check.

After repair of the high voltage hold down circuit, this circuit shall be checked to operate correctly.

See item "How to check the high voltage hold down circuit".



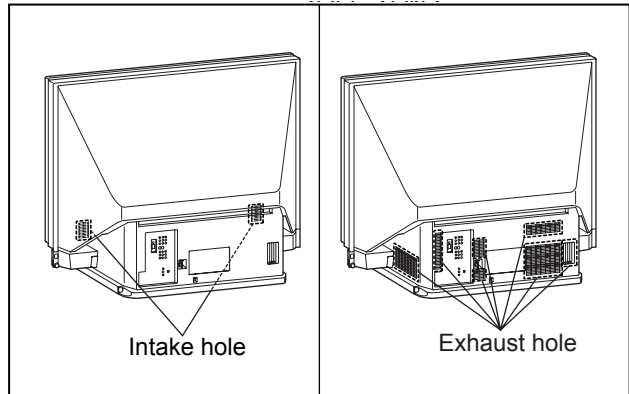
1.2 INSTALLATION

1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the predetermined level and power will be turned off automatically.

Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

- ⚠ **Do not put foreign objects near the ventilation holes as this can result in fire or electrical hazards.**
- ⚠ **Do not block the ventilation holes as this may cause the internal temperature to rise and possibly result fire.**



VENTILATION POSITION

1.2.2 INSTALLATION REQUIREMENTS

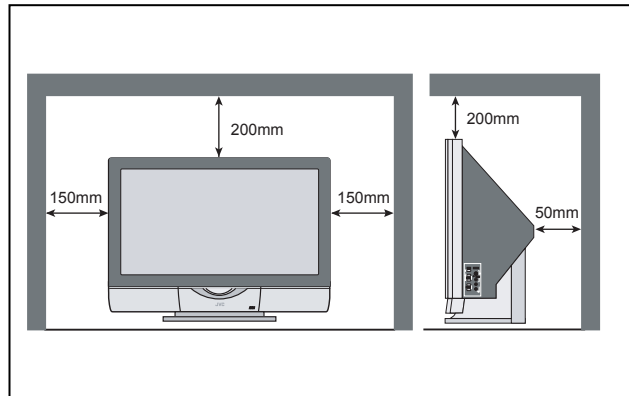
Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc.

Install the unit on stable flooring.

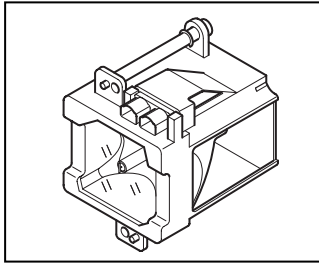
Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

CAUTION FOR INSTALLATION

- Do not tilt the TV towards the left or right, or toward the back.
- Install the TV in a corner on the floor so as to keep cords out of the way.
- The TV will generate a slight amount of heat during operation. Ensure that sufficient space is available around the TV to allow satisfactory cooling.



1.3 LAMP UNIT HANDLING CAUTION



LAMP UNIT : TS-CL110UAA

1.3.1 PRECAUTION FOR LAMP UNIT

- ⚠ The lamp emits high intensity white, ultraviolet and infrared light. Do not look directly at the light during service. Also, do not touch the lamp directly as it presents a burn hazard.
- ⚠ Handle with extra care. This lamp emits high heat and contains high-pressure during use.
- ⚠ Do not give any impact as this may cause the broken lamp.

1.3.2 HOW TO CONFIRM LAMP OPERATING TIME

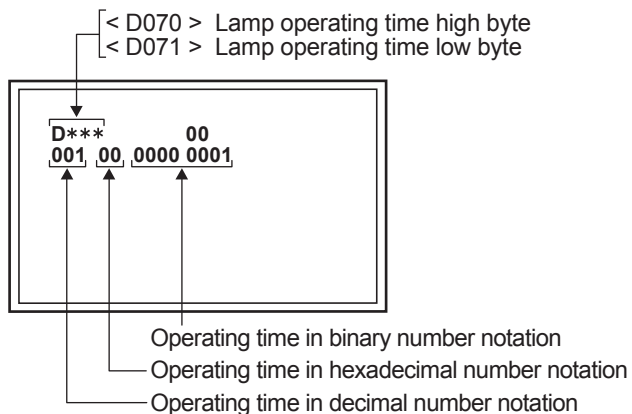
- (1) Set to 0 minutes using the [SLEEP TIMER] key.
- (2) Press the [VIDEO STATUS] key and [DISPLAY] key simultaneously, then enter the SERVICE MODE.
- (3) When the Main Menu is displayed, press [4] key to enter the setting display for designing.
- (4) Press [CH+] / [CH-] key to select the addresses (items).

NOTE :

- Confirmation of the information can be done by selecting addresses (items) below.
Display position is in the far right side in the 2nd row from the top, as displayed below.

1.3.3 LAMP OPERATING TIME

- MAXIMUM COUNT TIME : 65535 hours



1.3.4 LAMP UNIT REPLACEMENT

- (1) The lamp replacement message will appear when need to change the lamp. After replace the lamp, need to reset the timer which is built into TV.
- (2) Life of the lamp unit is about 5000 hours over. Lamp use time can be check at the lamp message MENU.
- (3) If Fig.1 message appears when turn the TV on, need to replace the lamp.
- (4) Use the lamp timer reset only after replacing the lamp.

NOTE :

- This message will appear every time turn on the TV, when the lamp needs to be replaced. Press the [OK] key to make the message disappear, or replace the lamp.

LAMP NEEDS TO BE REPLACED.
REFER TO OWNER'S MANUAL FOR
REPLACEMENT INSTRUCTIONS.

AFTER REPLACING THE LAMP,
PLEASE RESET TIMER IN THE TV
MENU.

PRESS OK, IF YOU DO NOT WANT
TO SEE THIS MESSAGE AGAIN.

Fig.1 LAMP REPLACEMENT MESSAGE

1.3.5 HOW TO REPLACE THE LAMP UNIT

- Refer to the [USERS GUIDE] for a detailed operating description.
- (1) Turn off the TV power with power key.
 - (2) Disconnect the power cord from the AC outlet.
 - (3) Loosen 1 screw from the rear side, then take out the the left speaker panel.
 - (4) Loosen 1 screw then take out the lamp cover.
 - (5) Loosen 2 screws then take out the lamp unit.
 - (6) Install the new lamp unit.
 - (7) Re-install the lamp cover.
 - (8) Re-install the left speaker panel.
 - (9) Re-install the screw to the rear panel.

NOTE :

- After installing the new lamp unit, do not forget to reset the lamp timer.

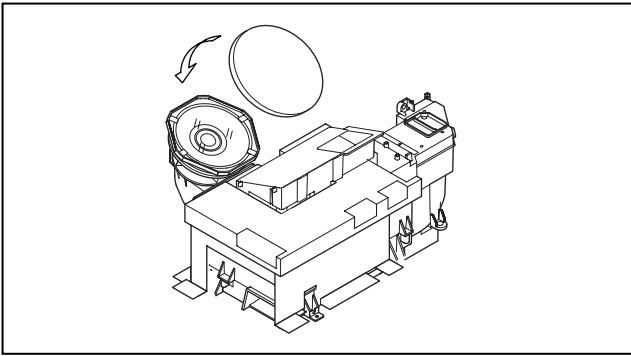
1.3.6 HOW TO RESET THE LAMP TIMER

- Refer to the [USERS GUIDE] for a detailed operating description.
- (1) Press the [MENU] key to select CLOCK / TIMERS.
 - (2) Select the <LAMP TIMER RESET> with [▲] / [▼] keys.
 - (3) Enter the <LAMP TIMER RESET> mode the message will appears.
 - (4) Press the [OK] key while the above message appears on the screen.
 - (5) Turn off the power, then turn on the power.
 - (6) The lamp timer has now been reset, as before the 1.3.2 HOW TO CONFIRMATION LAMP OPERATING TIME.

1.3.7 PRECAUTION FOR REPLACEMENT

- Do not replace the LAMP UNIT immediately after the projector has been used.
- The temperature of the LAMP UNIT is still high and could cause a burn.
- Allow a cooling period of 1 hour or more before performing replacement.
- Before starting LAMP UNIT replacement work, turn off the MAIN POWER switch, and disconnect the AC power cord plug from the wall outlet.
- If touched, the lamp glass surface may rupture and burns may result. Do not touch the glass portion or metal portion. Handle only plastic handle.
- The replaced old lamp can be discarded in the same manner as a fluorescent lamp. Check local ordinances and dispose of the used lamp as prescribed.

1.4 SERVICE PARTS KIT INSTRUCTIONS



OPTICAL / DRIVE ASS'Y : TS-COP5A-SAA

Due to the character of this product, these **OPTICAL / DRIVE ASS'Y** are prepared.
Please note these **OPTICAL /DRIVE ASS'Y** when replacing or ordering the parts.

1.4.1 PART NUMBER AND CONSTRUCTION

Kit parts number	Kit part name
TS-COP5A-SAA	OPTICAL / DRIVE ASS'Y

1.4.2 OPTICAL / DRIVE ASS'Y CONSTRUCTION

- (1) OPTICAL BLOCK
(Included HD-ILA DEVICE, PROJECTION LENS)
- (2) OPTICAL BASE
- (3) MAIN DRIVE PWB ASS'Y
This PWB is mounted with 2 memory ICs saved with adjustment, setting data of the drive circuit.
- (4) SHIELD TAPE

* The following parts are not included in the kit.

- 1) REMOTE SENSOR PWB ASS'Y
- 2) FAN CONTROL PWB ASS'Y
- 3) LAMP UNIT
- 4) FRONT SHADE BRACKET
- 5) SHADE COVER

1.4.3 PRECAUTION FOR USING

- (1) In the case of the following defects/problems, replace this kit (OPTICAL/DRIVE ASS'Y)
 - 1) Picture defect caused by optical system/D-ILA device related parts.
 - 2) Picture defect caused by drive circuit.
- (2) The MAIN DRIVE PWB ASS'Y is mounted with 2 memory ICs [IC3741/IC3742] saved with adjustment/setting data (GAMMA, SHADING, etc.) of the drive circuit.
The data of this memory IC is in the optimal state according to individual D-ILA devices and each section of the OPTICAL BLOCK.
- (3) When replace the MAIN DRIVE PWB ASS'Y, take off the 2 memory ICs from the original board and replace with new one. When replace the MAIN DRIVE PWB ASS'Y, do same manner. Replace 2 memory ICs.
- (4) When installing this kit (OPTICAL/DRIVE ASS'Y) to the set, first mount the FRONT SHADE BRACKET and SHADE COVER (with cushion) to the kit (lens section).
- (5) After the replacement of the OPTICAL BLOCK, projection lens focus adjustment and drive convergence / projection adjustment are required.

1.5 SCREEN HANDLING CAUTIONS

1.5.1 SCREEN STORAGE

Store the **SCREEN ASS'Y** in a standing position in order to avoid deformation. If the screen is stored horizontally, there is risk of deforming the screen face.

When necessary to place the **SCREEN ASS'Y** horizontally, position the screen side upwards and sure to place spacers between the screen and resting site (floor or stand etc.) to prevent the screen from sagging.

1.5.2 SCREEN SURFACE

Since the screen surface is easily scratched or soiled, use ample care when handling.

1.5.3 PRECAUTIONS FOR CLEANING AND REPLACEMENT

- The **SCREEN ASS'Y** is made from the lenticular lens and fresnel lens.
The anti static proceeding and the surface of the lenticular lens. Rubbing the surface with something hard, the coating may peel off.
- When the screen is dirty, gently wipe it with a soft cloth.
If the screen is very dirty, wipe it down with a cloth dipped in a diluted kitchen cleaner (neutrality detergent) and thoroughly wrung-out.
Then wipe immediately after with clean, dry cloth.
Never use the organic solvent such as the alcohol or benzene.
- The **SCREEN ASS'Y** replacement is required if the coating was peel off.
Alkaline detergent or acidity detergent can not be be used.
- The notched side of the lenticular lens and the fresnel lens are faced each other.
- Do not rub the screen when cleaning it or replacing it.
Rubbing the screen may cause of the scratch of the screen by its notch.

SECTION 2

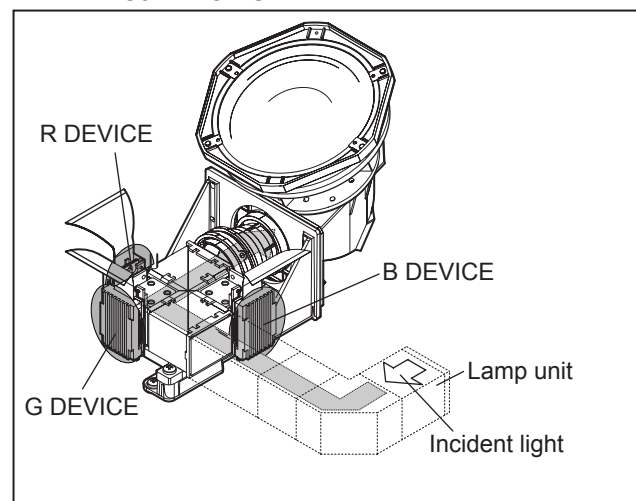
SPECIFIC SERVICE INSTRUCTIONS

2.1 TECHNICAL INFORMATION

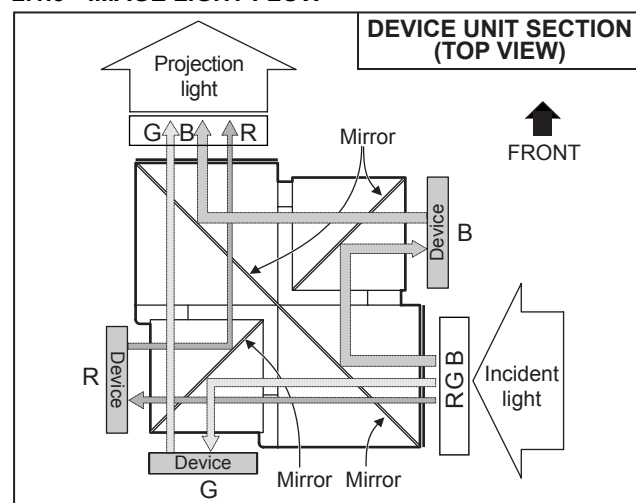
2.1.1 DIFFERENCE LIST

Items	HD-52Z575 / HD-61Z575	HD-52Z585 / HD-61Z585
SMART SOUND	Non	Built-in
SMART CAPTION	Non	Built-in
FRONT CABINET	Silver	Black

2.1.2 PROJECTION UNIT



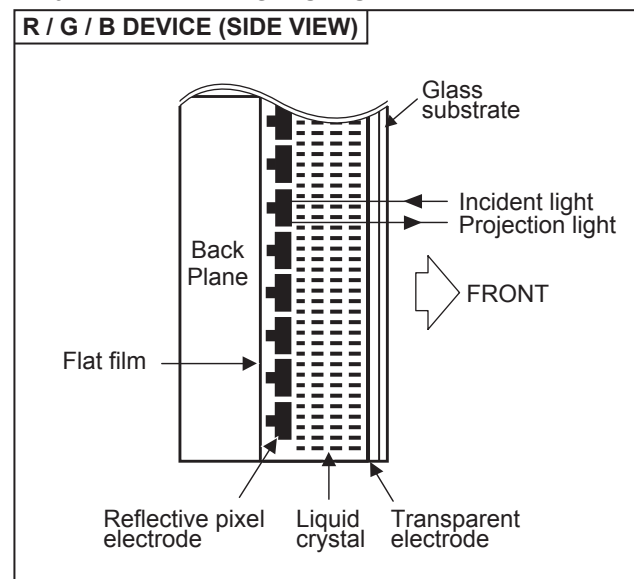
2.1.3 IMAGE LIGHT FLOW



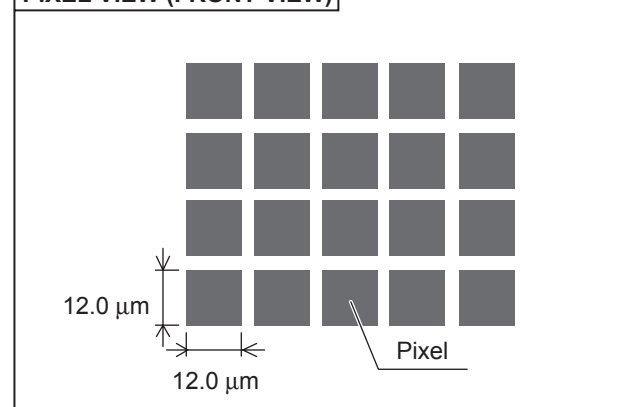
2.1.4 D-ILA DEVICE SPECIFICATION

Item	Content
Resolution	H:1312 x V:800
Pixel number	about 3200000
Pixel size	H :12.0μm x V :12.0μm
Aspect ratio	16 : 9
Contrast ratio	1000 : 1
Aperture ratio	93% or more
Effective pixel measurement	0.7 inch

2.1.5 D-ILA DEVICE STRUCTURE



PIXEL VIEW (FRONT VIEW)



2.1.6 MAIN CPU PIN FUNCTION (IC7601 : M306V7FGF-088FP) [DIGITAL SIGNAL PWB ASS'Y]

Pin	Port	Pin name	I/O	Function
1	VHOLD1	VHOLD1	I	Data slice for main screen closed caption
2	HFLT1	HFLT1	I/O	LPF for main screen closed caption video input
3	P9.4		O	Not used
4	P9.3		O	Not used
5	P9.2	DIGRO	O	R [0] for OSD
6	P9.1	TB1IN	I	AC power for timer clock
7	P9.0	REMO	I	Remote control
8	BYTE	BYTE	I	Data bus width select [L = 16bit (fixed)]
9	CNVss	CNVss	I	CPU programming mode select [Normal = L]
10	P8.7	DIGGO	O	G [0] for OSD
11	P8.6	DIGBO	O	B [0] for OSD
12	RESET	RESET	I	Reset for main CPU [Reset = L]
13	XOUT	XOUT	O	System clock osillation (crystal) : 16MHz
14	Vss	Vss	-	GND
15	XIN	XIN	I	System clock osillation (crystal) : 16MHz
16	Vccl	Vccl	I	3.3V stand-by power supply
17	OSC1	OSC1	I	Clock for OSD
18	OSC2	OSC2	O	Not used : Clock for OSD
19	P8.3	INT1	I	AV COMPULINK control
20	P8.2	INT0	I	Request for sub(chassis) CPU communication (serial data)
21	OUT1	OUT1	O	Ys (blanking) for OSD
22	OUT2	OUT2	O	YM (transparence) for OSD
23	P7.7		O	Not used
24	P7.6		O	Not used
25	P7.5		O	Not used
26	P7.4		O	Not used
27	P7.3	CTA2/RTS2	O	Not used : Digital tuner control
28	P7.2	CLK2	O	Not used : Digital tuner control
29	P7.1	RxD2	I	Not used : Digital tuner control
30	P7.0	TxD2	O	Not used : Digital tuner control
31	P6.7	SDA2	I/O	Not used
32	DIGR1	DIGR1	O	R [1] for OSD
33	DIGG1	DIGG1	O	G [1] for OSD
34	DIGB1	DIGB1	O	B [1] for OSD
35	P6.3	TxD0	I	Data receive (serial) for external programming
36	P6.2	RxD0	O	Data transmission (serial) for external programming
37	P6.1	CLK0	I	Clock for external programming
38	P6.0	RTSO	O	Busy for external programming [Operation = H]
39	P5.7		I	Not used
40	P5.6		O	Not used
41	HOLD	HOLD	I	CPU programming mode select [Normal = H]
42	P5.4		O	Not used
43	P5.3		O	Not used
44	P5.2		O	Not used
45	P5.1		O	Not used
46	P5.0	WR	O	CPU programming mode select [Normal = L]
47	P4.7	MICON_TX	O	Data transmission for sub(chassis) CPU communication (serial)
48	P4.6	MICON_RX	I	Data receive for sub(chassis) CPU communication (serial)
49	P4.5	MI_CLK	I	Clock for sub(chassis) CPU communication (serial)
50	P4.4		O	Not used

Pin	Port	Pin name	I/O	Function
51	P4.3		O	Not used
52	P4.2		O	Not used
53	P4.1		O	Not used
54	P4.0		O	Not used
55	P3.7		O	Not used
56	P3.6		O	Not used
57	P3.5		O	Not used
58	P3.4		O	Not used
59	P3.3		O	Not used
60	P3.2		O	Not used
61	P3.1		O	Not used
62	HSYNC	HSYNC	I	H. sync for OSD
63	P3.0		O	Not used
64	VSYNC	VSYNC	I	V. sync for OSD
65	P2.7		O	Not used
66	P2.6		O	Not used
67	P2.5		O	Not used
68	P2.4		O	Not used
69	P2.3		O	Not used
70	P2.2		O	Not used
71	P2.1		O	Not used
72	P2.0		O	Not used
73	P1.7		O	Not used
74	P1.6		O	Not used
75	P1.5		O	Not used
76	P1.4		O	Not used
77	P1.3		O	Not used
78	P1.2		O	Not used
79	P1.1		O	Not used
80	P1.0		O	Not used
81	P0.7		O	Not used
82	P0.6		O	Not used
83	P0.5		O	Not used
84	P0.4	WAKE	O	Reset for sub(chassis) CPU
85	P0.3	CARD_DET	I	Not used : Card detection for ATSC digital tuner
86	P0.2	POWER_SW	I	Not used : Power switch (mechanical) detection
87	P0.1	SDA0	I/O	Data for Inter IC (serial) bus control : memory
88	P0.0	SCL0	O	Clock for Inter IC (serial) bus control : memory
89	P10.7	DIGR2	O	R [2] for OSD
90	P10.6	DIGG2	O	G [2] for OSD
91	P10.5	DIGB2	O	B [2] for OSD
92	P10.4		O	Not used
93	P10.3	KEY1	I	Key scan data for front control button (MENU/CH+/CH-) KEY2
94	P10.2	KEY0	I	Key scan data for front control button (VOL+/VOL-) KEY1
95	VHOLD2	VHOLD2	I	Data slice for sub screen closed caption
96	HLF2	HLF2	I/O	LPF for sub screen closed caption video input
97	CVIN2	CVIN2	I	Video(Y) for sub screen closed caption
98	TVSETB	TVSETB	I	Test terminal [L Fixed]
99	VCCE	VCCE	I	5V stand-by power supply
100	CVIN1	CVIN1	I	Video(Y) for main screen closed caption

2.1.7 SUB (CHASSIS) CPU PIN FUNCTION (IC7001 : MN102H60KPA) [DIGITAL SIGNAL PWB ASS'Y]

Pin	Port	Pin name	I/O	Function
1	P60	LB PRO	O	Not use
2	P61	P MU	O	Picture muting [Muting = H]
3	P62/FUNC LED	JP_CSB	O	Not use (NC)
4	P63	A MU	O	Audio muting [Muting = H]
5	P50	M MU	O	Audio muting (for AUDIO OUT) [Muting = H]
6	P51/PC SW	PC SEL	O	Not use : RGB(PC) INPUT select
7	P52/DIMMER LED	ON_TIMER	O	POWER INDICATOR (LED) brightness [LOW = L]
8	P53/BL ON	ILA0	O	Not use : LCD back light lighting
9	P54/BL 5060	ILA1	O	Not use : LCD panel overshoot refresh timing
10	P55	ILA2	O	Not use
11	P56	POW LED	O	POWER LED lighting [ON = H]
12	P57	WORD	O	Not use
13	SBT2	MI_CK	I	Clock for SUB (OSD) CPU communication
14	SBI2	MI_TX	I	Data receive for SUB (OSD) CPU communication
15	SBO2	MI_RX	O	Data transmission for SUB (OSD) CPU communication
16	P23/REQ	MI_REQ	O	Data request for SUB (OSD) CPU communication [Request = L]
17	VDD	3.3V	I	3.3V power supply
18	PB0	FOSC	O	Not use (NC)
19	VSS	GND		Ground
20	XI	3.3V	I	Not use : Low speed oscillator
21	XO		O	Not use : Low speed oscillator
22	VDD	3.3V	I	3.3V power supply
23	OSCI	OSCI	I	System clock oscillation (crystal) : 16MHz
24	OSCO	OSCO	O	System clock oscillation (crystal) : 16MHz
25	MODE	3.3V	I	Single chip mode
26	P24	BS1.5CTL	O	Not use : Digital tuner power / reset control
27	P25	A92 RST	O	Reset for IC1001(3D YC SEP / COLOR DEMODULAT) [Reset = H]
28	P26	BS RST	O	Not use: Reset for Digital tuner power / reset control
29	P27	LIP RST	O	Not use: Reset for Sound delay (Lip sync)
30	KI0	SOFT_OFF	O	Not use
31	KI1	VMUTE	I	No use : Picture muting request from digital tuner
32	KI2	VOUTENB	O	No use : Video cutoff for digital tuner
33	P33	MDR CON	I	No use: System cable connection monitor for PDP
34	AVDD	3.3V	I	3.3V power supply
35	P34		O	Not use : Digital tuner power control
36	P35	DSYNC SW2	O	Sync select for DIGITAL-IN [Cotrolled with 99-pin]
37	P36	LB_POW	O	Not use : Power control for low bias line
38	P37		O	Not use (NC)
39	P40	HOTPLUG	I	Not use: Video communication monitor for receiver unit (PDP)
40	P41	MECA SW	I	Mechanical monitor for POWER switch [Push = L]
41	P42	MAIN POW	O	Main power control [ON = L]
42	P43	VARI/FIX	O	AUDIO OUT output mode select [VARIABLE = L]
43	VREF-		I	Not use
44	AN4/EE	AFT2	I	Not use : AFT voltage for sub tuner
45	AN5	AFT1	I	AFT voltage for VHF/UHF tuner
46	AN6	KEY2	I	Key scan data for front switc (MENU/CH+/CH-)
47	AN7	KEY1	I	Key scan data for front switch (VOL+/VOL-)
48	P80		O	Not use (NC)
49	P81		O	Not use (NC)
50	TM0IO	AC IN	I	AC power pulse for timer clock

Pin	Port	Pin name	I/O	Function
51	SBI3	BS TXD	O	Not use : Data transmission for digital tuner communication
52	SBO3	BS RXD	I	Not use : Data receive for digital tuner communication
53	P85		O	Not use (NC)
54	VREF+	3.3V	I	3.3V power supply
55	SBI4	PDP TX	O	Data transmission for SUB (DRIVE) CPU communication
56	SBO4	PDP RX	I	Data receive for SUB (DRIVE) CPU communication
57	P90	SDA0	I/O	Data for Inter IC (serial) bus : EEP-ROM (IC7002)
58	P91	SCL0	O	Clock for Inter IC (serial) bus : EEP-ROM (IC7002)
59	P92	SDA DVI	I/O	Not use : Data for Inter IC (serial) bus for panel communication
60	P93	SCL DVI	O	Not use : Clock for Inter IC (serial) bus for panel communication
61	AVSS	GND		Ground
62	AN0/DIN PH	DIGI_PHOT	I	Photo sensor for DIGITAL-IN illegal copy protection
63	AN1	ATSC REC	I	Not use
64	AN2		I	Not use
65	AN3		I	Not use
66	VDD	3.3V	I	3.3V power supply
67	P70/DINPRO	DIGI_PRO	O	for DIGITAL-IN (HDMI)
68	P71		O	Not use (NC)
69	P72		O	Not use (NC)
70	P73	SYNC SEL	O	Not use : Sync select for digital tuner
71	SBI1		O	Not use (NC)
72	SBO1		O	Not use (NC)
73	*	SBD5	I/O	Not use : Data for writing on board (connect CN01P : for Frash ROM type)
74	*	SBT5	I	Not use : Clock for writing on board (connect CN01P : for Frash ROM type)
75	NMI	3.3V	I	3.3V power supply
76	IRQ0	COMP	I	AV COMPULINK áV control
77	IRQ1	REMOCON	I	Remote control
78	IRQ2	V SYNC	I	V. sync pulse
79	IRQ3	WAKEUP SHM	I	Reset for sub(chassis) CPU
80	IRQ4	POWERGOOD	I	Power error detection [NG = H]
81	PA5/REC LED	LAMP LED	O	LAMP LED lighting [Lighting = H]
82	VDD	RST	I	Reset for MAIN CPU [Reset = L]
83	RST	3.3V	I	3.3V power supply
84	P00	SCL3A	O	Clock for Inter IC (serial) bus control :
85	P01	SDA3A	I/O	Data for Inter IC (serial) bus control :
86	P02	SCL3B	O	Clock for Inter IC (serial) bus control :
87	P03	SDA3B	I/O	Data for Inter IC (serial) bus control :
88	P04/DIN SEL	DIGI_SYNCSEL	O	Not use
89	P05	LR SW	O	for DIGITAL-IN (HDMI)
90	P06/DIN INT	DIGI_INT	I	Reset for HDMI process [Reset =]
91	P07	DVI RST	O	Not use : Reset for DVI format conversion
92	VSS	GND		Ground
93	P10	SCL5055	O	Clock for Inter IC (serial) bus : JCC5055 (DIST process)
94	P11/BS CLK SEL	VFORMATSEL	O	Not use : Digital tuner clock control
95	P12	SDA5055	I/O	Data for Inter IC (serial) bus : JCC5055 (DIST process)
96	P13	OSD MODE SEL	O	Not use : OSD mode select
97	P14		O	Not use (NC)
98	P15	15K/OTH	O	Main video select [Fixed H]
99	P16	DSYNC SW1	O	Sync select for DIGITAL-IN [Cotrolled with 36-pin]
100	P17	JCC5057 BUSY	I	Busy monitor for JCC5057 (New DIST process)

2.1.8 SYSTEM RESET

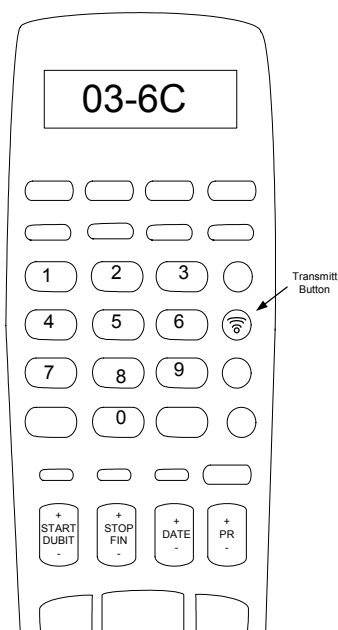
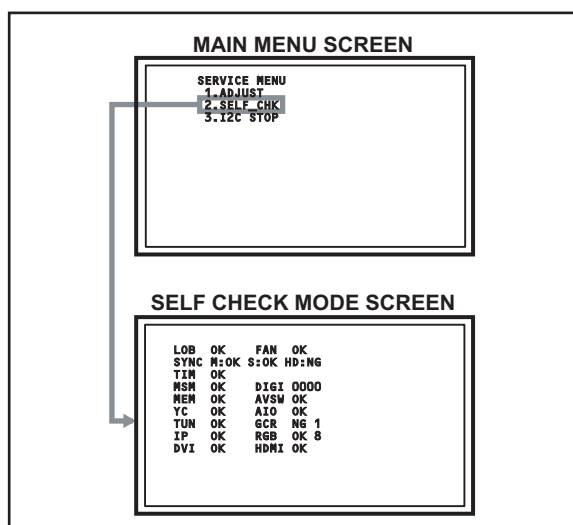
When the DIGITAL SIGNAL PWB is replaced or the DIGITAL INPUT is not normal, reset the SYSTEM SETTING using the following procedure.

- (1) Set to 0 minutes using the [SLEEP TIMER] key.
- (2) Press the [VIDEO STATUS] key and [DISPLAY] key simultaneously to enter the SERVICE MODE.
- (3) When the Service Menu is displayed, press [2] key to enter the self check mode.
- (4) Turn off the power by pressing the [POWER] key on the remote control unit.

When DIGITAL INPUT does not function normal using the method above mentioned, perform the following operation.

- Remote control unit (with LC display) [LP20873-009] will be required for this operation.

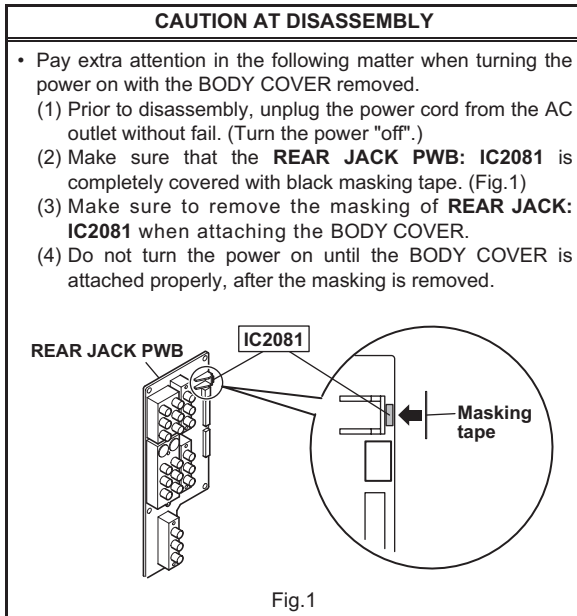
- (1) Take out the batteries from the remote control unit.
- (2) Insert the batteries while pressing and holding [4], [5] and [6] keys simultaneously.
- (3) While viewing the LC display of the remote control unit (LP20873-009), set the value to [0] using the [START DEBUT +] / [START DEBUT -] keys.
- (4) In the same manner, set the value to [3] using the [STOP FIN +] / [STOP FIN -] keys.
- (5) In the same manner, set the value to [6] using the [DATE +] / [DATE -] keys.
- (6) In the same manner, set the value to [C] using the [PR +] / [PR -] keys.
- (7) When completed with all of the above settings, press the [Transmission] key.



SECTION 3 DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

- Make sure that the power cord plug is pull out from the AC wall outlet.
- Wait until the LAMP UNIT has cool down is completely.
- While not in repair service, place the chassis back its original position.



<FRONT SIDE>

3.1.1 SPEAKER GRILL (L & R)

- (1) Remove 1 screw [A] from right rear side.
- (2) Remove 1 screw [B] from left rear side.
- (3) Take out the SPEAKER GRILL (L & R).

3.1.2 SPEAKER

- Take out the SPEAKER GRILL.
- (1) Remove 4 screws [C].
- (2) Take out the SPEAKER.
- * Remove the both side SPEAKER same manner.

3.1.3 FRONT PANEL

- Take out the SPEAKER GRILL.
- (1) Remove 4 screws [D].
- (2) Take out the FRONT PANEL.

3.1.4 LAMP COVER

- Take out the SPEAKER GRILL of LEFT SIDE.
- (1) Remove 1 screw [E].
- (2) Take out the LAMP COVER.

NOTE :

- Do not leave the LAMP COVER removed for long time to prevent dirt and dust from covering the lens.
- Make sure that the LAMP COVER is completely installed.

3.1.5 FRONT LED PWB

- Take out the SPEAKER GRILL.
- Take out the FRONT PANEL.
- (1) Remove 2 screws [F] from rear side of FRONT PANEL.
- (2) Take out the FRONT LED PWB.

3.1.6 FILTER COVER

- Take out the SCREEN BLOCK.
- (1) Remove 2 screws [G].
- (2) Take out the FILTER COVER.
- Remove the both side FILTER COVER same manner.

3.1.7 CENTER COVER

- Take out the SPEAKER GRILL.
- Take out the FRONT PANEL.
- (1) Remove 2 screws [H].
- (2) Take out the CENTER COVER.

3.1.8 SCREEN BLOCK

- Take out the SPEAKER GRILL.
- Take out the FRONT PANEL.
- (1) Remove the 4 screws [I].
- (2) Remove 10 screws [J] from rear side.
- (3) Take out the SCREEN BLOCK.

CAUTION :

- Place the SCREEN BLOCK on a flat table without fail.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.
- Use care not to scratch the screen during work.
- During assembly, be sure to engage the left and right tabs with the cabinet mounting positions.
- When supporting the SCREEN BLOCK, avoid grasping the top of the screen panel, instead grasp the left and right areas.
- Do not leave the SCREEN BLOCK removed for long time to prevent soiling from dust.

3.1.9 SCREEN ASS'Y

- Take out the SCREEN BLOCK.
- [HD-52Z575 / HD-52Z585]
- (1) Remove 20 screws [K] from FRONT CABINET.
- [HD-61Z575 / HD-61Z585]
- (1) Remove 24 screws [K] from FRONT CABINET.
- (2) Take out the SCREEN ASS'Y.

3.1.10 FRONT PANEL

- Take out the SCREEN BLOCK.
- [HD-52Z575 / HD-52Z585]
- (1) Remove 16 screws [L] from FRONT CABINET.
- [HD-61Z575 / HD-61Z585]
- (1) Remove 20 screws [L] from FRONT CABINET.
- (2) Take out the FRONT PANEL.

<FRONT INNER SIDE>

3.1.11 MIRROR

- Take out the SPEAKER GRILL both side.
- Take out the FRONT PANEL.
- Take out the SCREEN BLOCK.
- (1) Remove 12 screws [A] attaching the MIRROR HOLDER of the upper, left and right side.
- (2) Raise slightly to disengage of the MIRROR from the bottom holder.
- (3) Take out the MIRROR.

NOTE :

- Do not touch the front of the MIRROR.
- Do not shock the front of the MIRROR.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.

3.1.12 SIDE CONTROL BASE

- Take out the SCREEN BLOCK.
- (1) Remove 4 screws [B].
- (2) Take out the SIDE CONTROL BASE.

3.1.13 SIDE CONTROL PWB

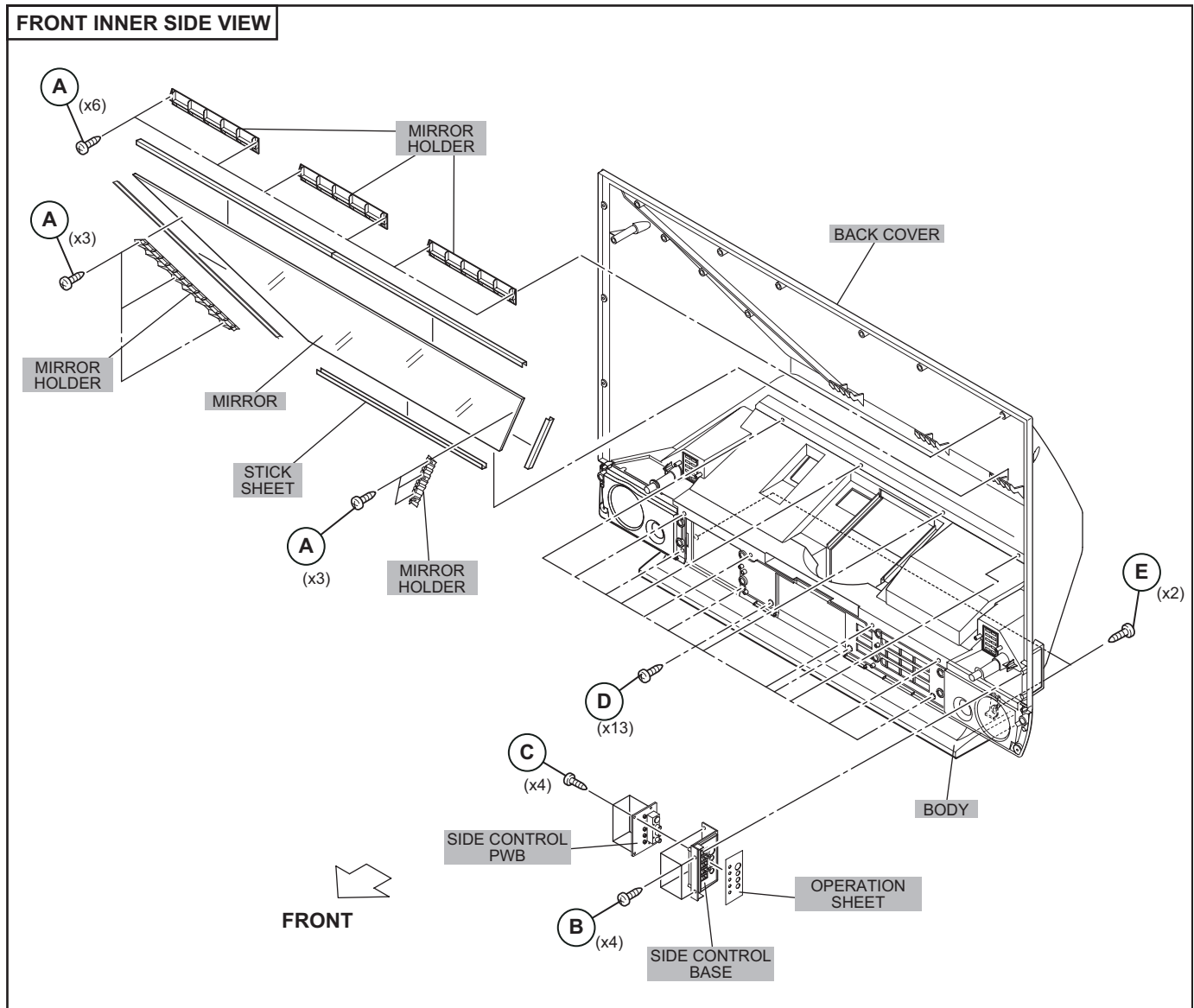
- Take out the SCREEN BLOCK.
- Take out the SIDE CONTROL BASE.
- (1) Remove 4 screws [C] from rear side of SIDE CONTROL BASE.
- (2) Take out the SIDE CONTROL PWB.

3.1.14 BACK COVER

- Take out the FRONT PANEL.
- Take out the SCREEN BLOCK.
- (1) Remove 13 screws [D].
- (2) Remove 2 screws [E] from rear side.
- (3) Slightly pull for backside to disengage of the BACK COVER from hooks.
- (4) Take out the BACK COVER.

NOTE :

- Because of the large size, at least 2 persons are recommended for removal and reassemble.



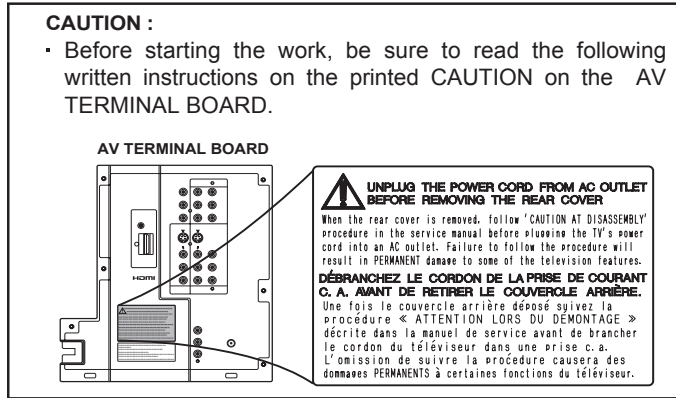
<BODY SIDE>

3.1.15 BODY COVER

- (1) Remove 9 screws [A] (BODY).
- (2) Remove 6 screws [B] (AV TERMINAL BOARD).
- (3) Take out the BODY COVER.

NOTE :

- Do not leave the BODY COVER removed for long time to prevent soiling from dust.



3.1.16 BODY BRACKET

- Take out the BODY COVER.
- (1) Remove 4 screws [C].
- (2) Take out the BODY BRACKET.

3.1.17 MAIN UNIT

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- (1) Remove 2 screws [D].
- (2) Take out the TOP SHADE BRACKET.

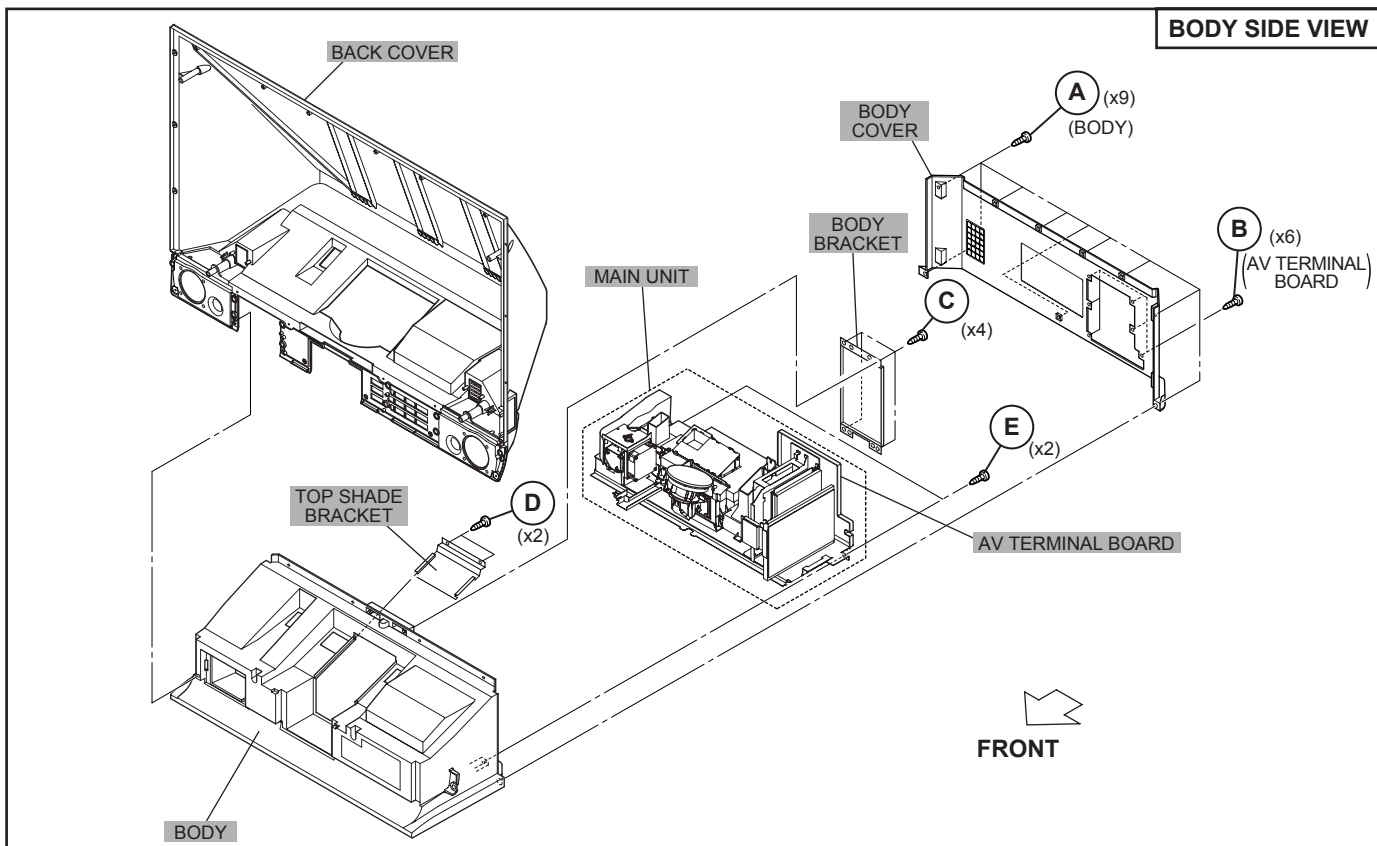
- (3) Take out the connector [FJ:12pin], [SW:4pin], [SPR:2pin (black)], [SPL:2pin(white)], [FL:7pin].
- (4) Remove 2 screws [E] from rear side.
- (5) Pull out the MAIN UNIT rear side.

CAUTION

- Except for confirmation of projection images on the screen and audio output through the speakers, the removed MAIN UNIT is still workable in the same state as if it is still built in the TV set. Therefore, the MAIN UNIT can be removed, if necessary, for board diagnosis, electric testing, etc. apart from confirmation of screen images and audio output.
- Do not leave the MAIN UNIT removed for long time to prevent soiling from dust.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.
- When carrying the MAIN UNIT, use care not to drop, shock or shake it.
- Do not stain or damage the projection lens.
- Do not look directly at the light during service.
- Do not touch the lamp directly as it presents a burn hazard.

NOTE :

- When not performing repair work, attach the cap on the lens to preventing dust from covering.
- When mounting to the set, make sure the front of the lens is in contact with the cushion on the set (body) side.
- Make sure that FRONT LED PWB connector is completely connect to the RECEIVER PWB connector (CN10FL).
- When wire clamps are removed during work, use care to restore them precisely to their original positions. Performance can be affected if these are not returned to the original positions.



<INNER PWB SIDE>

3.1.18 AV TERMINAL BOARD

- Take out the BODY COVER.
 - (1) Remove 5 screws [**A**].
 - (2) Remove 1 screw [**B**].
 - (3) Pull out the POWER CORD CLAMP.
 - (4) Remove the nut [**C**] attaching the ANTENNA TERMINAL.
 - (5) Take out the AV TERMINAL BOARD.

3.1.19 SUB DRIVE PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
 - (1) Remove 4 screws [**D**].
 - (2) Take out the PWB HOLDER.
 - (3) Disconnect the connector [CN401] and [CN402].
 - (4) Remove 6 screws [**E**].
 - (5) Take out the SUB DRIVE PWB.

3.1.20 POWER PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
 - (1) Remove 1 screw [**F**].
 - (2) Take out the POWER PWB BRACKET.
 - (3) Disconnect the connector [CN90BL], [CN90SE], [CN90AA], [CN90B], [CN90DD] and [CN90G].
 - (4) Remove 5 screws [**G**].
 - (5) Take out the POWER PWB.

3.1.21 DIGITAL SIGNAL PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
- Take out the AV TERMINAL BOARD.
- Take out the PWB HOLDER
 - (1) Disconnect the connector [CN001], [CN002], [CN003], [CN0FC] and [CN0LV2].
 - (2) Remove 1 screw [**H**] attaching the earth wire.
 - (3) Remove 1 screw [**I**].
 - (4) Remove the both side SHIELD COVER.
 - (5) Take out the DIGITAL SIGNAL PWB.

CAUTION:

Make sure to perform the "SYSTEM SETTING" on page 1-10, when DIGITAL SIGNAL PWB is replaced.

3.1.22 RECEIVER PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
- Take out the AV TERMINAL BOARD.
- Take out the PWB HOLDER
 - (1) Remove 1 screw [**J**].
 - (2) Take out the ANALOG PWB BRACKET with PWB.
(RECEIVER PWB/ANALOG SIGNAL PWB/REGULATOR PWB)
 - (3) Disconnect the connector [CN10FC], [CN10PH], [CN100R], [CN10PH], [CN100A], [CN100T], [CN100F], [CN10FJ], [CN10FL], [CN10SW], [CN10AA] and [CN10SP].
 - (4) Remove 4 screws [**K**].
 - (5) Take out the RECEIVER PWB.

3.1.23 ANALOG SIGNAL PWB

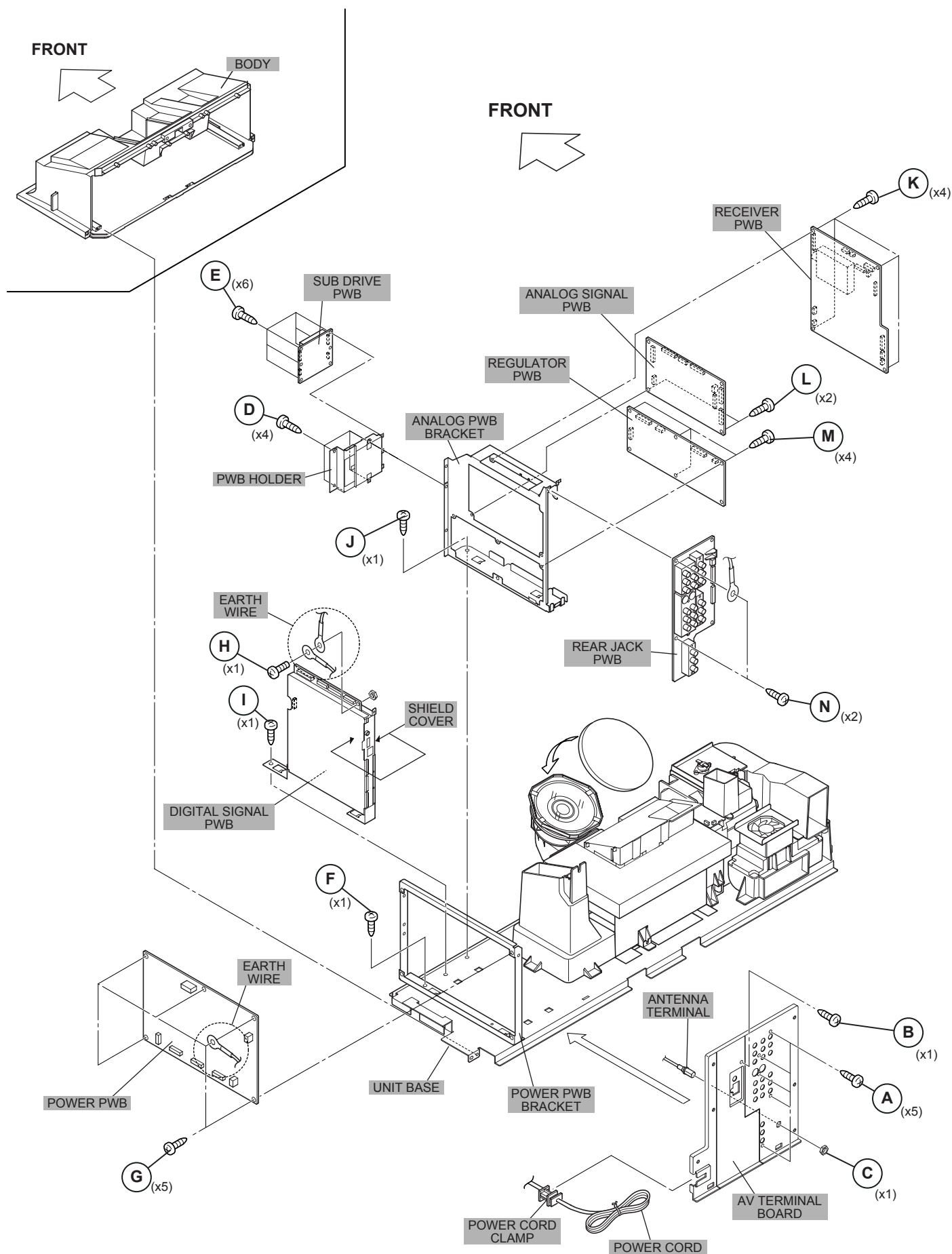
- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
- Take out the AV TERMINAL BOARD.
- Take out the PWB HOLDER.
- Take out the RECEIVER PWB.
 - (1) Disconnect the connector [CN001], [CN002], [CN00D], [CN0J1], [CN0J2], [CN00T], [CN00F] and [CN00G].
 - (2) Remove 2 screws [**L**].
 - (3) Take out the ANALOG SIGNAL PWB.

3.1.24 REGULATOR PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
- Take out the AV TERMINAL BOARD.
- Take out the PWB HOLDER.
- Take out the RECEIVER PWB.
 - (1) Disconnect the connector [CN20D], [CN203] and [CN20B].
 - (2) Remove 4 screws [**M**].
 - (3) Take out the REGULATOR PWB.

3.1.25 REAR JACK PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
- Take out the AV TERMINAL BOARD.
 - (1) Disconnect the connector [CNPH], [CNJ0J1] and [CNJ0J2].
 - (2) Remove 2 screws [**N**].
 - (3) Take out the REAR JACK PWB.



<OPTICAL SIDE>

3.1.26 LAMP FAN DUCT & THERMOSTAT

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
 - (1) Remove 4 screws [**A**].
 - (2) Take out the LAMP FAN DUCT.
 - (3) Remove 2 screws [**B**].
 - (4) Take out the THERMOSTAT.

3.1.27 FAN CONTROL PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
 - (1) Disconnect the connector [CN801:7pin (MAIN DRIVE PWB)], [CN802:3pin (OPTICAL BLOCK COOLING FAN)], [CN803:3pin (LAMP COOLING FAN)] and [CN804:4pin (LAMP BALLAST UNIT)].
 - (2) Remove 1 screw [**C**].
 - (3) Take out the FAN CONTROL PWB.

3.1.28 REMOTE SENSOR PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
 - (1) Remove 1 screw [**D**].
 - (2) Take out the REMOTE SENSOR PWB.

3.1.29 OPTICAL / DRIVE ASS'Y

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
 - (1) Remove 2 screws [**E**].
 - (2) Take out the SHADE COVER.
 - (3) Remove 2 screws [**F**].
 - (4) Take out the FRONT SHADE BRACKET.
 - (5) Remove 7 screws [**G**].
 - (6) Slightly raise and take out the OPTICAL / DRIVE ASS'Y.
 - (7) Peel off the shield (copper film) tapes.

NOTE :

- The OPTICAL / DRIVE ASS'Y contains precision optical components.
Handle carefully and avoid imparting strong shock.
- OPTICAL / DRIVE ASS'Y construction
 - 1) Optical block :
(D-ILA device, PBS, Field lens, Integrator, Mirror etc.)
 - 2) Projection lens
 - 3) Optical base
 - 4) MAIN DRIVE PWB ASS'Y
 - 5) Top duct
 - 6) Shield tape
- When not performing repair work, attach the cap on the lens to preventing dust from covering.
- When mounting to the set, make sure the front of the lens side is in contact with the cushion on the body side.
- When installing this kit (OPTICAL/DRIVE ASS'Y) to the set, first mount the FRONT SHADE BRACKET and SHADE COVER (with cushion) to the kit (lens section).
- Do not leave the OPTICAL / DRIVE ASS'Y removed for long time to prevent soiling from dust.

3.1.30 MAIN DRIVE PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
 - (1) Take out the TOP DUCT PLATE.
 - (2) Remove 2 screws [**H**].
 - (3) Take out the TOP DUCT.
 - (4) Take out the SHIELD TOP CASE.
 - (5) Remove 4 screws [**I**].
 - (6) Take out the MAIN DRIVE PWB.
 - (7) Take out the SHIELD PLATE.
 - (8) Slightly raise and take out the OPTICAL BLOCK.

3.1.31 OPTICAL BLOCK COOLING FAN

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
 - (1) Remove 3 screws [**J**].
 - (2) Take out the SIROCCO TOP CASE.
 - (3) Remove 3 screws [**K**].
 - (4) Take out the OPTICAL BLOCK COOLING FAN.

3.1.32 LAMP COOLING FAN

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
 - (1) Remove 2 screws [**L**].
 - (2) Take out the LAMP FAN BRACKET ASSY.
 - (3) Remove 4 screws [**M**].
 - (4) Take out the LAMP COOLING FAN.

3.1.33 LAMP BALLAST UNIT COOLING FAN

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
 - (1) Remove 3 screws [**N**].
 - (2) Remove 4 screws [**O**].
 - (3) Take out the COOLING FAN (LAMP BALLAST UNIT).

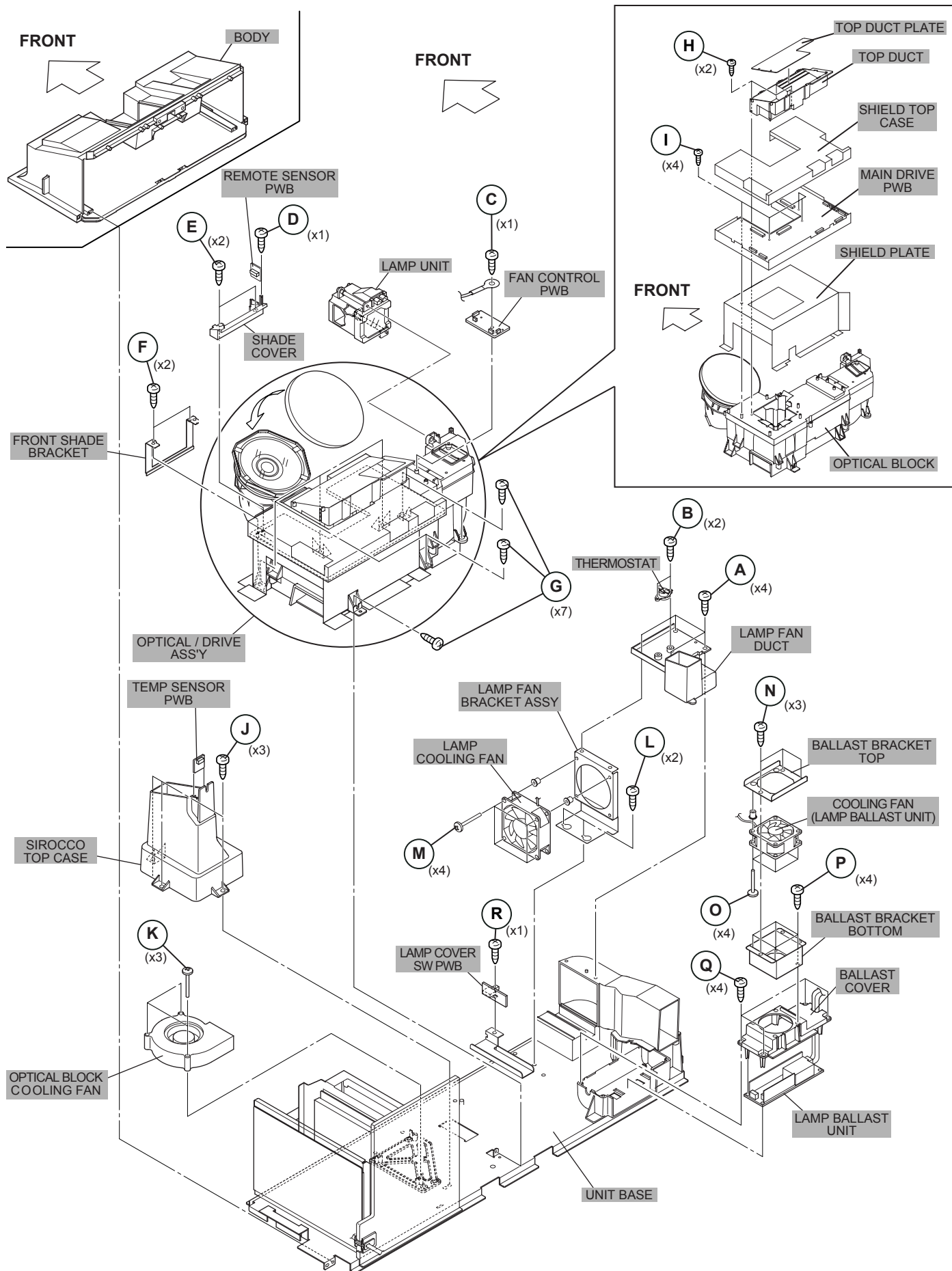
3.1.34 LAMP BALLAST UNIT

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
- Take out the LAMP BALLAST UNIT COOLING FAN.
 - (1) Take out the wire of LAMP BALLAST UNIT.
 - (2) Remove 4 screws [**P**].
 - (3) Take out the BALLAST BRACKET BOTTOM.
 - (4) Remove 4 screws [**Q**].
 - (5) Take out the BALLAST COVER.
 - (6) Take out the LAMP BALLAST UNIT.

3.1.35 LAMP COVER SW PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
 - (1) Remove 1 screw [**R**].
 - (2) Take out the LAMP COVER SW PWB.

<OPTICAL SIDE VIEW>



3.1.36 SHIELD PLATE ATTACHMENT PROCESS

- Take out the TOP DUCT / TOP DUCT PLATE.
- Take out the MAIN DRIVE PWB with SHIELD TOP CASE.

< Assembly >

- (1) Copper film case with laminate surface to be top.
- (2) Fold 9 points (①~⑨) as shown in [A] an arrow view Fig.1.
- (3) Attach the double-faced tapes [B] as shown in Fig.1.
- (4) Stick the tape [C] as shown in Fig.1.
- (5) Make copper film case to be SHIELD PLATE (box-shape).

< Attachment >

- (6) Install the SHIELD PLATE (box-shape).
- (7) Install the MAIN DRIVE PWB.
- (8) Install 4 screws [D] to MAIN DRIVE PWB.
- (9) Install the SHIELD TOP CASE.
- (10) Attach the shield (copper film) tapes 6 positions [E] and [F] as shown in Fig.2 and Fig.5.
- (11) Install the TOP DUCT.
- (12) Install 2 screws [G] as shown in Fig.5.
- (13) Install the TOP DUCT PLATE as shown in Fig.5.
- (14) Attach the shield (copper film) tapes 4 positions [H] and [I] as shown in Fig.3 and Fig.5.
- (15) Then attach the shield (copper film) tapes 11 positions [J], [K], [L], and [M] as shown in Fig.4 and Fig.5.

<ASSEMBLY PROCESS>

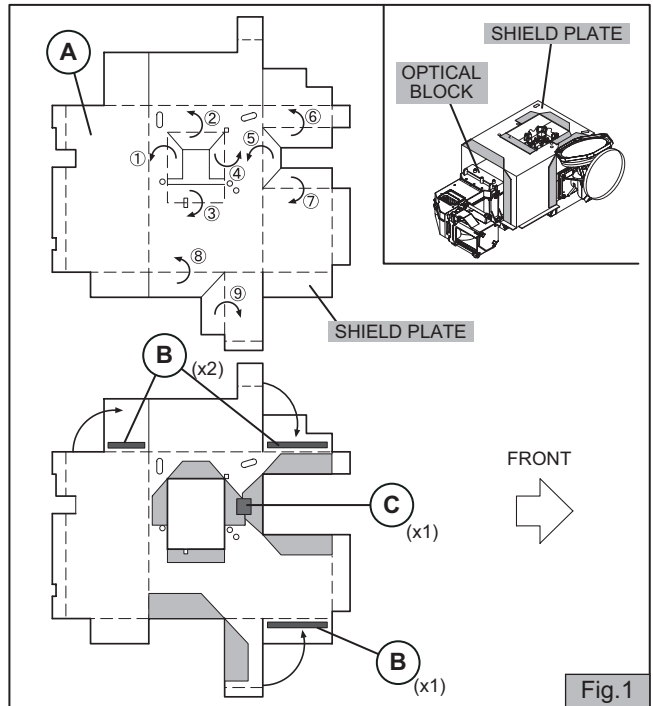


Fig.1

<ASSEMBLY and ATTACHMENT PROCESS>

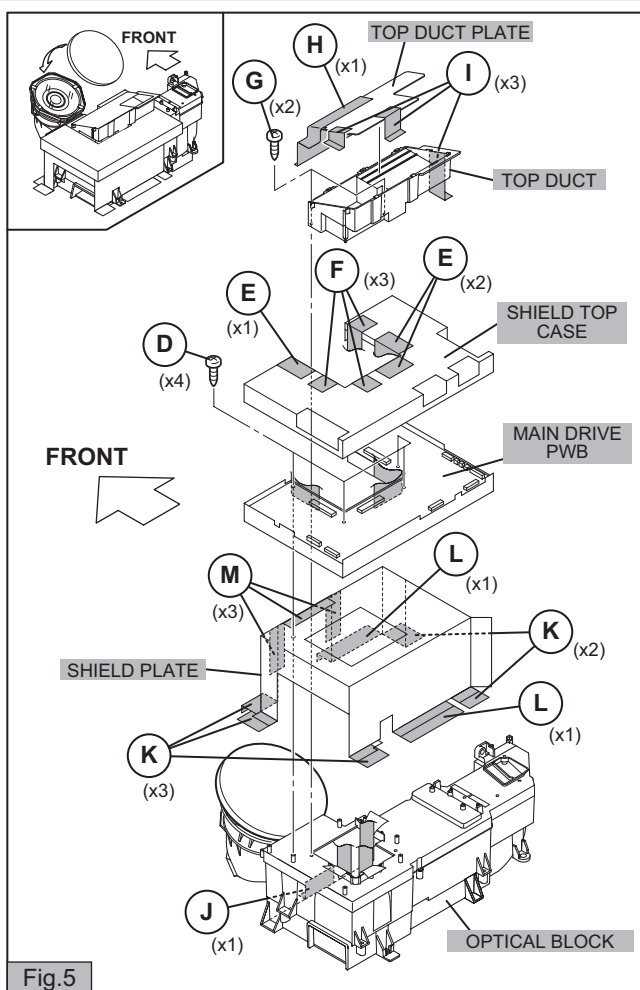


Fig.5

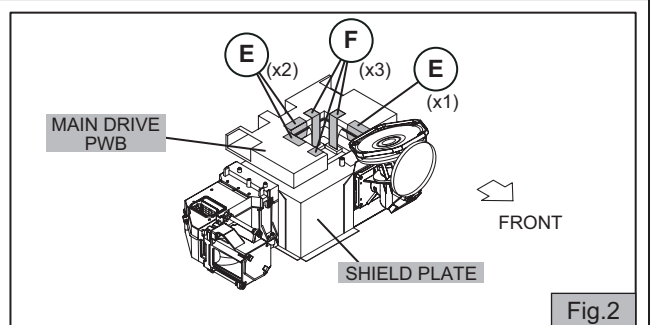


Fig.2

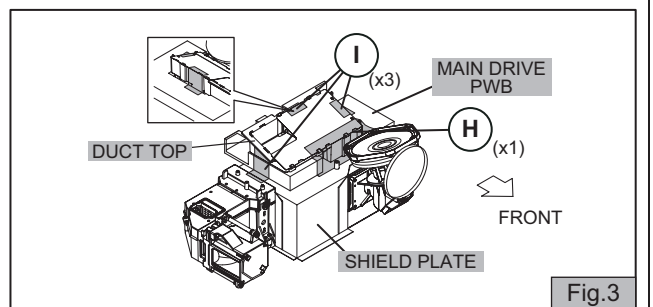


Fig.3

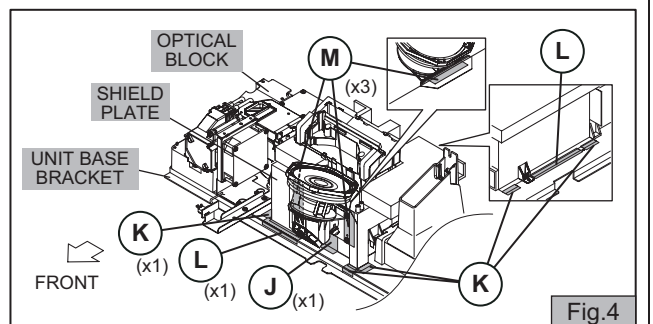


Fig.4

3.2 MEMORY IC REPLACEMENT

3.2.1 MEMORY IC

This memory IC stores data for proper operation of the video and Drive circuits.
When replacing, be sure to use an IC containing this (initial value) data.

3.2.2 MEMORY IC REPLACEMENT PROCEDURE

1. Power off

Switch off the power and disconnect the power cord from the wall outlet.

2. Replace the memory IC

Initial value must be entered into the new IC.

3. Power on

Connect the power cord to the wall outlet and switch on the power.

4. SERVICE MENU setting

Before entering the SERVICE MENU, confirm that the setting of TV/CATV SW of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR/DVD SW of the REMOTE CONTROL UNIT is at the "VCR" side. If the switches have not been properly set, you cannot enter the SERVICE MENU.

- 1) Press [SLEEP TIMER] key and while the indication of SLEEP TIMER 0 MIN is being displayed, press [DISPLAY] key and [VIDEO STATUS] key (Fig.2) simultaneously.
- 2) The SERVICE MENU screen of Fig.1 is displayed.
- 3) Verify what to set in the SERVICE MENU, and set whatever is necessary (Fig.1).
Refer to the SERVICE ADJUSTMENT for setting.
- 4) Press the [BACK] key to return the SERVICE MENU.

5. Receive channel setting

Refer to the OPERATING INSTRUCTIONS (USER'S GUIDE) and set the receive channels (Channels Preset) as described.

6. User settings

Check the user setting items according to after page. Where these do not agree, refer to the OPERATING INSTRUCTIONS (USER'S GUIDE) and set the items as described.

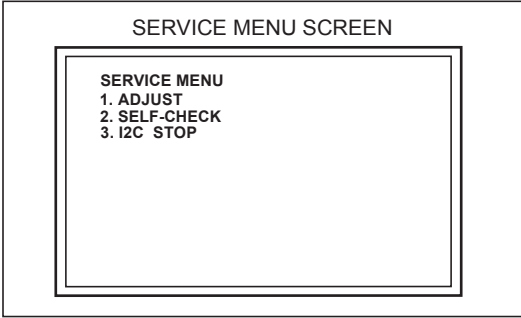


Fig.1

3.2.3 SERVICE MENU SETTING ITEMS

Setting item	Item No.	Remark
1.ADJUST		
VIDEO SYSTEM	S001~S039	Adjust
AUDIO SYSTEM	T001~T010	
PANEL CONTROL SYSTEM	P001~P010	Do not adjust (Fixed value)
DRIVE SYSTEM	D001~D187	
SYSTEM SETTING	Z001~Z010	

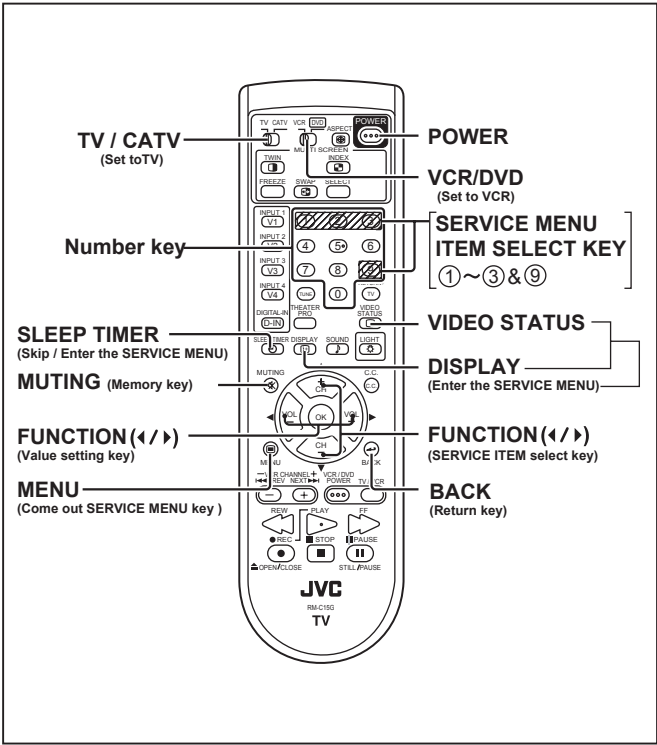


Fig.2

3.2.4 SETTING OF FACTORY SHIPMENT

3.2.4.1 BUTTON OPERATION

Setting item	Setting position
POWER	OFF
INPUT	TV
CHANNEL	CABLE-02
VOLUME	10

3.2.4.2 REMOTE CONTROL DIRECT OPERATION

Setting item	Setting position
INPUT	TV
CHANNEL	CABLE-02
VOLUME	10
MUTING	OFF
DISPLAY	OFF
SOUND	A.H.S OFF
	BBE ON
	SMART SOUND OFF [HD-52Z585 / HD-61Z585]
ASPECT	REGULAR
CLOSED CAPTION (C.C)	OFF
VIDEO STATUS	DYNAMIC
TWIN PICTURE SOURCE	LEFT SIDE : CA02 RIGHT SIDE : INPUT1

3.2.4.3 REMOTE CONTROL MENU OPERATION

(1) PICTURE ADJUST[1]

Setting item		STANDARD	DYNAMIC	THEATER	GAME
TINT	NTSC / 525i / 525p	00	00	00	00
	1125i / 750p	00	00	00	00
COLOR	NTSC / 525i / 525p	00	00	00	00
	1125i / 750p	00	00	00	00
PICTURE	NTSC / 525i / 525p	00	+10	00	-10
	1125i / 750p	00	+10	00	-10
BRIGHT	NTSC / 525i / 525p	00	00	00	00
	1125i / 750p	00	00	00	00
DETAIL	NTSC / 525i / 525p	00	+05	00	00
	1125i / 750p	00	+05	00	00
COLOR TEMPERATURE	NTSC / 525i / 525p	LOW	HIGHT	HIGHT	HIGHT
	1125i / 750p	LOW	HIGHT	LOW	HIGHT

(2) PICTURE ADJUST [2]

Setting item	Setting position
DIG. NOISE CLEAR	OFF
NATURAL CINEMA	AUTO
COLOR MANAGEMENT	ON
DYNAMIC GAMMA	ON

(3) SOUND ADJUST

Setting item	Setting position
TREBLE	00
BASS	00
BALANCE	00
MTS	STEREO

(4) CLOCK / TIMERS

Setting item	Setting position
SET CLOCK	(Unnecessary to set)
ON / OFF TIMER	NO

(5) INITIAL SETUP

Setting item	Setting position	Setting item	Setting position
CENTER CH INPUT	OFF	POWER INDICATOR	HIGH
DIGITAL-IN	SIZE-1 (at 480p signal input)	LANGUAGE	ENG
DIGITAL-IN AUDIO	DIGITAL	CLOSED CAPTION	OFF (CAPTION-CC1-T1)
TV SPEAKER	ON	AUTO SHUT OFF	OFF
AUDIO OUT	FIX	XDS ID	ON
NOISE MUTING	ON	AUTO TUNER SET UP	Unnecessary to set
FRONT PANEL LOCK	OFF	CHANNEL SUMMARY	---- (Unnecessary to set)
V1 SMART INPUT	OFF	V-CHIP	OFF
VIDEO INPUT LABEL	--- (Blank)	SET LOCK CODE	(0000) (Unnecessary to set)
POSITION ADJUSTMENT	Center	AUTO DEMO	OFF

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

3.3.2 SOLDERING IRON

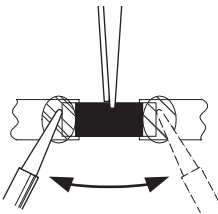
- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

3.3.3 REPLACEMENT STEPS

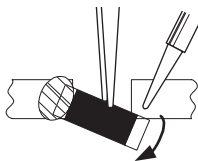
1. How to remove Chip parts

[Resistors, capacitors, etc.]

- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



- (2) Shift with the tweezers and remove the chip part.

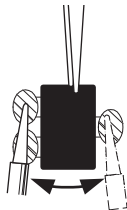


[Transistors, diodes, variable resistors, etc.]

- (1) Apply extra solder to each lead.



- (2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



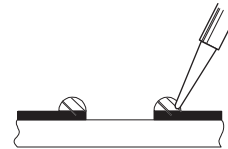
Note :

After removing the part, remove remaining solder from the pattern.

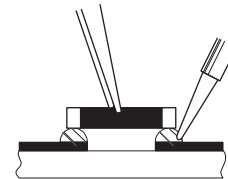
2. How to install Chip parts

[Resistors, capacitors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.

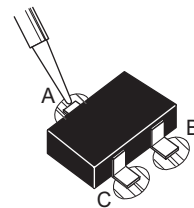


- (2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

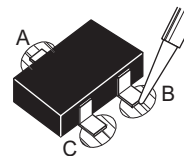


[Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead **A** as indicated in the figure.



- (4) Then solder leads **B** and **C**.



SECTION 4 ADJUSTMENTS

4.1 ADJUSTMENT PREPARATION

- (1) You can make the necessary adjustments for this unit with either the remote control unit or with the adjustment equipment and parts as given below.
- (2) Adjustment with the remote control unit is made on the basis of the initial setting values, however, the new setting values which set the screen to its optimum condition may differ from the initial settings.
- (3) Make sure that AC power is turned on correctly.
- (4) Turn on the power for the set and test equipment before use, and start the adjustment procedures after waiting at least 30 minutes.
- (5) Unless otherwise specified, prepare the most suitable reception or input signal for adjustment.
- (6) Never touch any adjustment parts, which are not specified in the list for this variable resistors, transformers, trimmer capacitors, etc.

4.2 PRESETTING BEFORE ADJUSTMENT

Unless otherwise specified in the adjustment instructions, preset the following functions with the remote control unit.

Setting item	Settings position
VIDEO STATUS	STANDARD
PICTURE (TINT / COLOR / BRIGHT/PICTURE / DETAIL)	All 00
COLOR TEMPERATURE	LOW
DIG. NOISE CLEAR	OFF
COLOR MANAGEMENT	ON
DYNAMIC GAMMA	ON
SOUND (BASS / TREBLE / BALANCE)	All 00
MTS	STEREO
BBE	OFF
A.H.S	OFF
SMART SOUND	OFF [HD-52Z585 / HD-61Z585]
ASPECT	FULL

4.3 MEASURING INSTRUMENT AND FIXTURES

- 1) DC voltmeter (or Digital voltmeter)
- 2) Oscilloscope
- 3) Signal generator (Pattern generator)
[NTSC / 525i / 750p / 1125i / DIGITAL]
- 4) TV audio multiplex signal generator
- 5) Remote control unit

4.4 ADJUSTMENT ITEMS

■ OPTICAL BLOCK / DRIVE CIRCUIT

- LENS FOCUS adjustment
- DRIVE CONVERGENCE adjustment
- DRIVE CENTER POSITION adjustment

■ VIDEO CIRCUIT

- 525i A-D OFFSET adjustment
- 1125i BRIGHTNESS adjustment
- 1125i A-D OFFSET adjustment
- SUB SCREEN A-D OFFSET adjustment
- WHITE BALANCE (HIGHT LIGHT)

■ MTS CIRCUIT

- MTS INPUT LEVEL adjustment
- MTS SEPARATION adjustment

4.5 BASIC OPERATION OF THE SERVICE MENU

Operate the SERVICE MENU with the remote control unit.

4.5.1 HOW TO ENTER THE SERVICE MENU

- (1) Press the [SLEEP TIMER] key and while indication of "SLEEP TIMER 0 MIN." is being displayed, press [DISPLAY] key and [VIDEO STATUS] key simultaneously, and the SERVICE MENU screen of Fig.1 will be displayed.

4.5.2 SELECT THE SERVICE MENU ITEM

- (1) When the SERVICE MENU is displayed, press any key of the [1] / [2] / [3] / [9] keys to enter the corresponding menu mode.

4.5.3 SELECT THE SETTING ITEM & SETTING VALUE

- (1) Select the service item using the [FUNCTION (▲ / ▼)] key.
- (2) Set the value using the [FUNCTION (◀ / ▶)] key.

4.5.4 SETTING OF THE OPTICAL BLOCK / DRIVE CIRCUIT

- (1) R/B mode (DRIVE / CONVERGENCE) adjust
Set the R mode value using the [FUNCTION (▲ / ▼)] key
Set the B mode value using the [FUNCTION (◀ / ▶)] key
- (2) RGB BOX mode (DRIVE CENTER POSITION) adjust
Set the horizontal center position value using the [FUNCTION (▲ / ▼)] key
Set the vertical center position value using the [FUNCTION (◀ / ▶)] key

4.5.5 MEMORIZED SETTING VALUE

- (1) Press the [MUTING] key to memorize the adjustment value. If not to do it, adjustment data is not memorized to the memory IC. And if exit the adjustment mode before memorize the data, the adjustment which your changed value is canceled.
- (2) Adjustment data is applied at once in OPTICAL BLOCK / DRIVE CIRCUIT adjustment mode.

CAUTION

- Individual items 1, 2 and 3 on the SERVICE MENU screen (Fig.1) are selected by the Number key (Fig.2).
- When selecting each item on the SERVICE MENU, if [4] ~ [8] keys other than [1], [2], [3] and [9] keys are pressed by mistake, another screen that is not the SERVICE MENU will appear. In such a case, press the [BACK] key immediately and return to the SERVICE MENU screen.
- Do not press the [MUTING] key.

4.5.6 HOW TO EXIT THE SERVICE MENU

Press the [MENU] key to exit the SERVICE MENU.

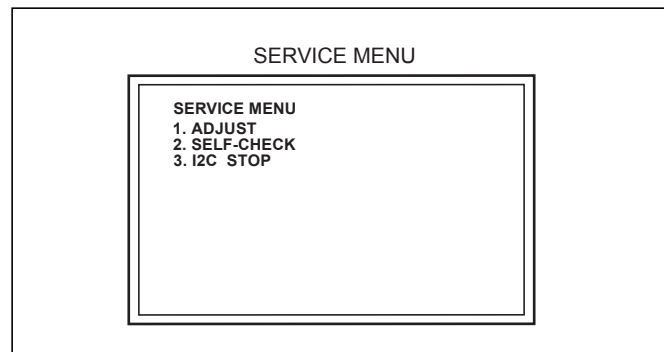


Fig.1

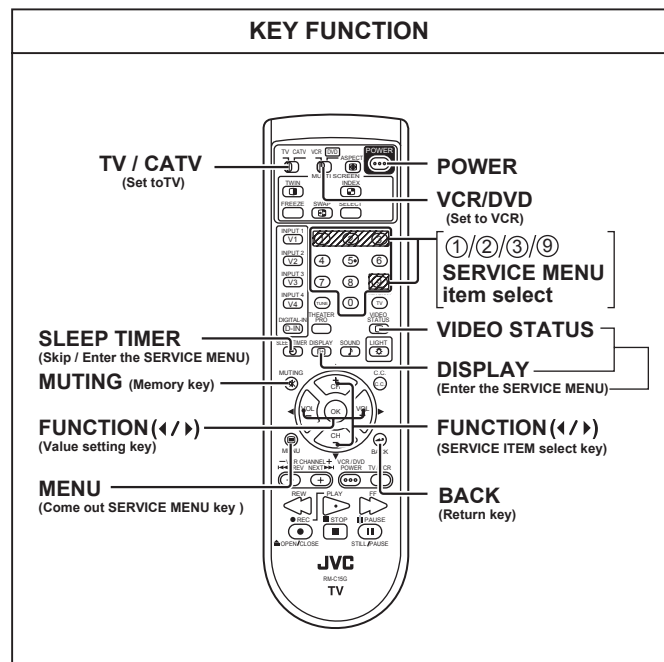


Fig.2

4.5.7 DESCRIPTION OF STATUS DISPLAY

The status display on the upper part of the SERVICE MENU screen is common.

(1) SIGNAL SYSTEM

(OSD)	(EXPLAIN)
NTSC3	: NTSC3.58
NTSC4	: NTSC4.48
525I	: 525i
525P	: 525p
750P	: 750p
1125I6	: 1125i 60Hz
RGB5	: RGB 525i
D525I	: digital 525i
D525P	: digital 525p
D1256I6	: digital 1125i 60Hz
H525I	: HDMI 525i
H525P	: HDMI 525p
H750P	: HDMI 750p
H1125I6	: HDMI 1125i 60Hz

(2) ASPECT

SINGLE

1409	: FULL
1609	: PANORAMA
1609S	: CINEMA
FULL	: REGULAR

TWIN / INDEX

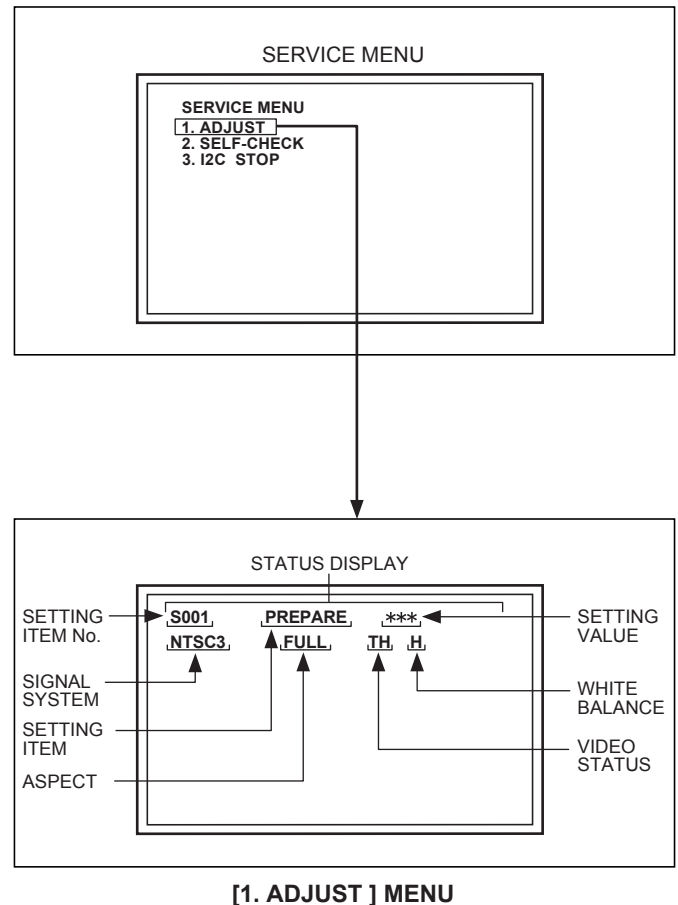
FRZ	: TWIN
STD	: INDEX (12CH)

(3) VIDEO STATUS

STD	: STANDARD
DYN	: DYNAMIC
TH	: THEATER
GAME	: GAME

(4) WHITE BALANCE

H	: HIGH
M	: LOW



4.5.8 SETTING OF THE SERVICE MENUS

4.5.8.1 [1.ADJUST]

■ Do not change settings of items that are not included in the "ADJUSTMENT PROCEDURE".

- [Function (◀ / ▶)] key
For scrolling up/down the setting items.

→ S001...↔ T001...↔ P001...↔ D001...↔ Z001 ←

- [SLEEP TIMER] key
For switching to the next items.

→ S001 → T001 → P001 → D001 → Z001

- [Function (▲ / ▼)] key
For scrolling up/down the setting values.

4.5.8.2 [2.SELF CHECK]

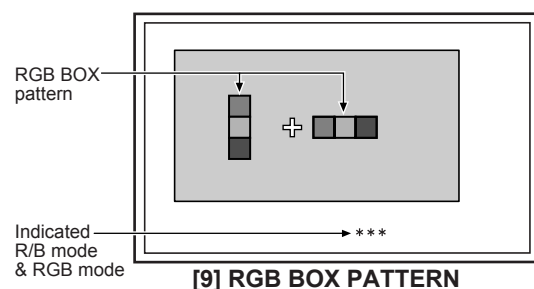
Refer to "SECTION 5 TROUBLESHOOTING"

4.5.8.3 [3.I²C STOP]

Setting for this item is not required in servicing

4.5.8.4 [9] RGB BOX PATTERN

Adjustment of DRIVE CIRCUIT (CONVERGENCE / CENTER POSITION)



4.6 INITIAL SETTING VALUE OF SERVICE MENU

- (1) Adjustment of the SERVICE MENU is made on the basis of the initial setting values; however, the new setting values which set the screen in its optimum condition may differ from the initial setting.
- (2) Do not change the initial setting values of the setting items NOT LISTED IN ADJUSTMENT.

CAUTION:

Never change the initial setting value any adjustments **except** for those that are designated in the adjustment procedures.

In case where you have made undesignated adjustments by mistake, never press the [MUTING] key on the remote control unit.

Whenever you had not pressed the [MUTING] key, you would be able to recover the initial value by switching the [POWER] key.

4.6.1 [1.ADJUST]

VIDEO SYSTEM

Item No.	Item name	Variable range	Setting value
S001	PREPARE	0~31	0
S002	NTSC BL	0~15	1
S003	NTSC CNT	0~255	44
S004	NT CR OF	0~15	4
S005	NT CB OF	0~15	4
S006	525i BL	0~15	1
S007	525i CNT	0~255	44
S008	5i CB OF	0~15	0
S009	5i CR OF	0~15	0
S010	5i CR GN	0~15	4
S011	5i CB GN	0~15	4
S012	HD BL	0~63	0
S013	HD CB OF	0~63	0
S014	HD CR OF	0~63	0
S015	RT CONT	0~15	7
S016	RT CB OF	0~15	2
S017	RT CR OF	0~15	5
S018	RT CL GA	0~15	4
S019	PC CL MB	0~7	0
S020	PC CL LB	0~255	0
S021	PC CL MR	0~3	0
S022	PC CL LR	0~255	0
S023	(NO DISPLAY)	0~255	0
S024	(NO DISPLAY)	0~255	0
S025	(NO DISPLAY)	0~255	0
S026	(NO DISPLAY)	0~255	0
S027	(NO DISPLAY)	0~255	0
S028	(NO DISPLAY)	0~255	0
S029	(NO DISPLAY)	0~255	0
S030	R DRIVE	0~255	0
S031	G DRIVE	0~255	0
S032	B DRIVE	0~255	0
S033	(NO DISPLAY)	0~255	0
S034	(NO DISPLAY)	0~255	0
S035	(NO DISPLAY)	0~255	0
S036	(NO DISPLAY)	0~255	0
S037	(NO DISPLAY)	0~255	0
S038	(NO DISPLAY)	0~255	0
S039	ILA COM	0~255	0

AUDIO SYSTEM

Item No.	Item name	Variable range	Setting value
T001	IN LEVEL	0~255	007
T002	LOW SEP	0~255	037
T003	HIGH SEP	0~255	033
T004	AFC	0~255	0 (Fixed)
T005	(NO DISPLAY)	0~255	0 (Fixed)
T006	ATT V ON	0~1	0 (Fixed)
T007	ATT U ON	0~1	0 (Fixed)
T008	ATT C ON	0~1	0 (Fixed)
T009	(NO DISPLAY)	0~255	0 (Fixed)
T010	(NO DISPLAY)	0~255	0 (Fixed)

PANEL CONTROL SYSTEM [Do not adjust : All fixed]

Item No.	Item name	Variable range	Setting value
P001	TM HOR H	0~255	0
P002	TM HOR L	0~255	0
P003	TM MIN	0~255	0
P004	TEMP	0~255	0
P005	(NO DISPLAY)	0~255	0
P006	(NO DISPLAY)	0~255	0
P007	(NO DISPLAY)	0~255	0
P008	(NO DISPLAY)	0~255	0
P009	(NO DISPLAY)	0~255	0
P010	(NO DISPLAY)	0~255	0

DRIVE SYSTEM [Do not adjust : All fixed]

Item No.	Item name	Variable range	Setting value
D001	SLV GN	0~3F	00
D002	SLVH GN	0~3F	00
D003	SLH GN	0~3F	00
D004	SLV Pf	0~03	00
D005	SLH Pf H	0~01	00
D006	SLH Pf L	0~03	00
D007	SL EGCON	0~3F	00
D008	SL EGONF	0~01	00
D009	SL CRGON	0~3F	00
D010	SL CRGON	0~01	00
D011	SL ON OF	0~01	00

Item No.	Item name	Variable range	Setting value
D012	SV GN	0~3F	00
D013	SVH GN	0~3F	00
D014	SH GN	0~3F	00
D015	SV Pf	0~03	00
D016	SV Pf H	0~01	00
D017	SV Pf L	0~03	00
D018	SYL CON	0~3F	00
D019	SYL CONF	0~01	00
D020	SYH CON	0~3F	00
D021	SYH CONF	0~01	00
D022	SC CON	0~3F	00
D023	SC CNONF	0~01	00
D024	SPM BLC	0~3F	00
D025	SPM BLCO	0~01	00
D026	SLIM	0~3F	00
D027	SLIMONF	0~01	00
D028	SCRG	0~3F	00
D029	SRGONF	0~01	00
D030	S ONF	0~01	00
D031	pb GN	0~3F	00
D032	pb Pf H	0~01	00
D033	pb Pf L	0~03	00
D034	pb CRG	0~3F	00
D035	pb CRGON	0~01	00
D036	pb ONF	0~01	00
D037	pr GN	0~3F	00
D038	pr Pf H	0~01	00
D039	pr Pf L	0~03	00
D040	pr CRG	0~3F	00
D041	pr CRGON	0~01	00
D042	pr ONF	0~01	00
D043	ENH ONF	0~01	00
D044	(NO DISPLAY)	0~FF	00
D045	(NO DISPLAY)	0~FF	00
D046	(NO DISPLAY)	0~FF	00
D047	(NO DISPLAY)	0~FF	00
D048	(NO DISPLAY)	0~FF	00
D049	(NO DISPLAY)	0~FF	00
D050	(NO DISPLAY)	0~FF	00
D051	(NO DISPLAY)	0~FF	00
D052	(NO DISPLAY)	0~FF	00
D053	(NO DISPLAY)	0~FF	00
D054	(NO DISPLAY)	0~FF	00
D055	(NO DISPLAY)	0~FF	00
D056	(NO DISPLAY)	0~FF	00
D057	(NO DISPLAY)	0~FF	00
D058	(NO DISPLAY)	0~FF	00
D059	(NO DISPLAY)	0~FF	00

Item No.	Item name	Variable range	Setting value
D060	(NO DISPLAY)	0~FF	00
D061	(NO DISPLAY)	0~FF	00
D062	(NO DISPLAY)	0~FF	00
D063	(NO DISPLAY)	0~FF	00
D064	(NO DISPLAY)	0~FF	00
D065	(NO DISPLAY)	0~FF	00
D066	(NO DISPLAY)	0~FF	00
D067	(NO DISPLAY)	0~FF	00
D068	(NO DISPLAY)	0~FF	00
D069	(NO DISPLAY)	0~FF	00
D070	(NO DISPLAY)	0~FF	00
D071	(NO DISPLAY)	0~FF	00
D072	(NO DISPLAY)	0~FF	00
D073	(NO DISPLAY)	0~FF	00
D074	(NO DISPLAY)	0~FF	00
D075	(NO DISPLAY)	0~FF	00
D076	(NO DISPLAY)	0~FF	00
D077	(NO DISPLAY)	0~FF	00
D078	(NO DISPLAY)	0~FF	00
D079	(NO DISPLAY)	0~FF	00
D080	(NO DISPLAY)	0~FF	00
D081	(NO DISPLAY)	0~FF	00
D082	(NO DISPLAY)	0~FF	00
D083	(NO DISPLAY)	0~FF	00
D084	(NO DISPLAY)	0~FF	00
D085	(NO DISPLAY)	0~FF	00
D086	(NO DISPLAY)	0~FF	00
D087	(NO DISPLAY)	0~FF	00
D088	(NO DISPLAY)	0~FF	00
D089	(NO DISPLAY)	0~FF	00
D090	(NO DISPLAY)	0~FF	00
D091	(NO DISPLAY)	0~FF	00
D092	(NO DISPLAY)	0~FF	00
D093	(NO DISPLAY)	0~FF	00
D094	(NO DISPLAY)	0~FF	00
D095	(NO DISPLAY)	0~FF	00
D096	(NO DISPLAY)	0~FF	00
D097	(NO DISPLAY)	0~FF	00
D098	(NO DISPLAY)	0~FF	00
D099	(NO DISPLAY)	0~FF	00
D100	(NO DISPLAY)	0~FF	00
D101	(NO DISPLAY)	0~FF	00
D102	(NO DISPLAY)	0~FF	00
D103	(NO DISPLAY)	0~FF	00
D104	(NO DISPLAY)	0~FF	00
D105	(NO DISPLAY)	0~FF	00
D106	(NO DISPLAY)	0~FF	00
D107	(NO DISPLAY)	0~FF	00

Item No.	Item name	Variable range	Setting value
D108	(NO DISPLAY)	0~FF	00
D109	(NO DISPLAY)	0~FF	00
D110	(NO DISPLAY)	0~FF	00
D111	(NO DISPLAY)	0~FF	00
D112	(NO DISPLAY)	0~FF	00
D113	(NO DISPLAY)	0~FF	00
D114	(NO DISPLAY)	0~FF	00
D115	(NO DISPLAY)	0~FF	00
D116	(NO DISPLAY)	0~FF	00
D117	(NO DISPLAY)	0~FF	00
D118	(NO DISPLAY)	0~FF	00
D119	(NO DISPLAY)	0~FF	00
D120	(NO DISPLAY)	0~FF	00
D121	(NO DISPLAY)	0~FF	00
D122	(NO DISPLAY)	0~FF	00
D123	(NO DISPLAY)	0~FF	00
D124	(NO DISPLAY)	0~FF	00
D125	(NO DISPLAY)	0~FF	00
D126	(NO DISPLAY)	0~FF	00
D127	(NO DISPLAY)	0~FF	00
D128	(NO DISPLAY)	0~FF	00
D129	(NO DISPLAY)	0~FF	00
D130	(NO DISPLAY)	0~FF	00
D131	(NO DISPLAY)	0~FF	00
D132	(NO DISPLAY)	0~FF	00
D133	(NO DISPLAY)	0~FF	00
D134	(NO DISPLAY)	0~FF	00
D135	(NO DISPLAY)	0~FF	00
D136	(NO DISPLAY)	0~FF	00
D137	(NO DISPLAY)	0~FF	00
D138	(NO DISPLAY)	0~FF	00
D139	(NO DISPLAY)	0~FF	00
D140	(NO DISPLAY)	0~FF	00
D141	(NO DISPLAY)	0~FF	00
D142	(NO DISPLAY)	0~FF	00
D143	(NO DISPLAY)	0~FF	00
D144	(NO DISPLAY)	0~FF	00
D145	(NO DISPLAY)	0~FF	00
D146	(NO DISPLAY)	0~FF	00
D147	(NO DISPLAY)	0~FF	00
D148	(NO DISPLAY)	0~FF	00
D149	(NO DISPLAY)	0~FF	00
D150	(NO DISPLAY)	0~FF	00
D151	(NO DISPLAY)	0~FF	00
D152	(NO DISPLAY)	0~FF	00
D153	ENH ONF	0~FF	00
D154	(NO DISPLAY)	0~FF	00

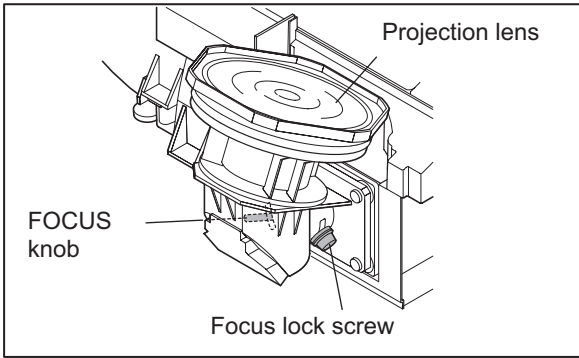
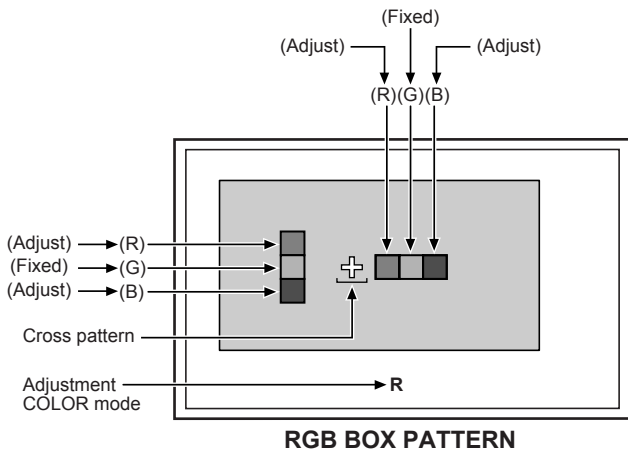
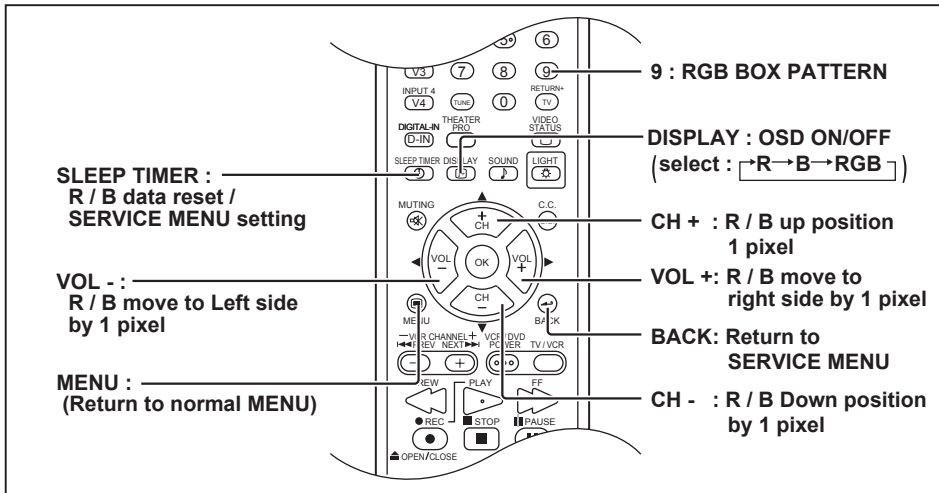
Item No.	Item name	Variable range	Setting value
D155	(NO DISPLAY)	0~FF	00
D156	(NO DISPLAY)	0~FF	00
D157	(NO DISPLAY)	0~FF	00
D158	(NO DISPLAY)	0~FF	00
D159	(NO DISPLAY)	0~FF	00
D160	(NO DISPLAY)	0~FF	00
D161	(NO DISPLAY)	0~FF	00
D162	(NO DISPLAY)	0~FF	00
D163	(NO DISPLAY)	0~FF	00
D164	(NO DISPLAY)	0~FF	00
D165	(NO DISPLAY)	0~FF	00
D166	(NO DISPLAY)	0~FF	00
D167	(NO DISPLAY)	0~FF	00
D168	(NO DISPLAY)	0~FF	00
D169	(NO DISPLAY)	0~FF	00
D170	(NO DISPLAY)	0~FF	00
D171	(NO DISPLAY)	0~FF	00
D172	(NO DISPLAY)	0~FF	00
D173	(NO DISPLAY)	0~FF	00
D174	(NO DISPLAY)	0~FF	00
D175	(NO DISPLAY)	0~FF	00
D176	(NO DISPLAY)	0~FF	00
D177	(NO DISPLAY)	0~FF	00
D178	(NO DISPLAY)	0~FF	00
D179	(NO DISPLAY)	0~FF	00
D180	(NO DISPLAY)	0~FF	00
D181	(NO DISPLAY)	0~FF	00
D182	(NO DISPLAY)	0~FF	00
D183	(NO DISPLAY)	0~FF	00
D184	(NO DISPLAY)	0~FF	00
D185	(NO DISPLAY)	0~FF	00
D186	(NO DISPLAY)	0~FF	00
D187	(NO DISPLAY)	0~FF	00

SYSTEM SETTING [Do not adjust : All fixed]

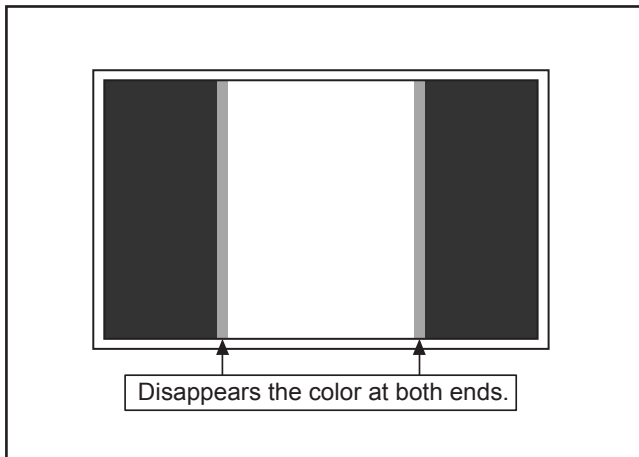
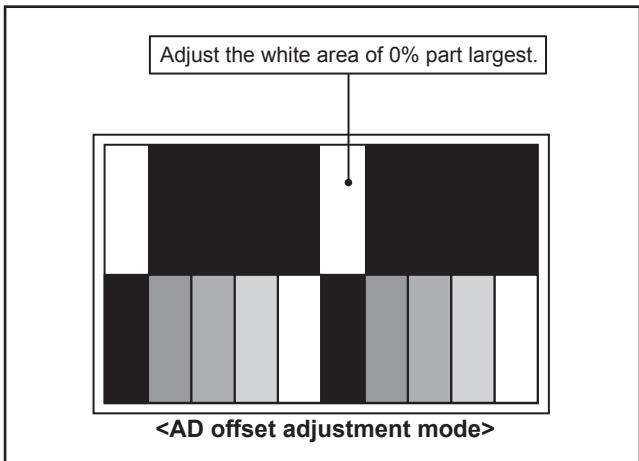
Item No.	Item name	Variable range	Setting value
Z001	(NO DISPLAY)	0~0F	00
Z002	(NO DISPLAY)	0~0F	00
Z003	(NO DISPLAY)	0~0F	00
Z004	(NO DISPLAY)	0~FF	00
Z005	(NO DISPLAY)	0~FF	00
Z006	(NO DISPLAY)	0~FF	00
Z007	(NO DISPLAY)	0~FF	00
Z008	(NO DISPLAY)	0~FF	00
Z009	(NO DISPLAY)	0~FF	00
Z010	(NO DISPLAY)	0~FF	00

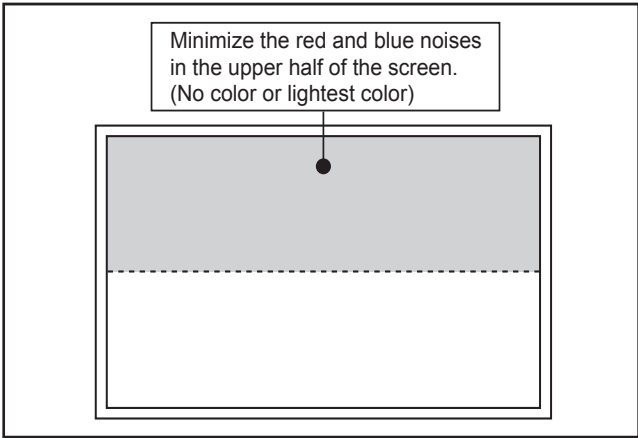
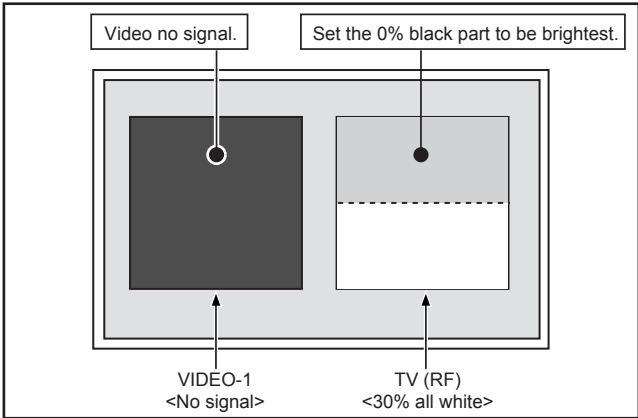
4.7 ADJUSTMENT PROCEDURE

4.7.1 OPTICAL BLOCK / DRIVE CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
LENS FOCUS adjustment	Hexagon wrench		FOCUS knob [PROJECTION LENS]	(1) Take out the FRONT PANEL, SPEAKER GRILL (L / R), CENTER PANEL and cushions. (2) Display the MENU screen. (3) Loosen the FOCUS LOCK screw. (4) Adjust the FOCUS knob so that the center screen may become the best focus. (5) Fix the focus lock screw by using the Hexagon wrench. On this occasion, hold the FOCUS knob with your left hand. (6) Confirm the whole focus of the best screen (7) Install the FRONT PANEL, SPEAKER GRILL (L / R), BODY COVER and cushions.
 Projection lens FOCUS knob Focus lock screw				• Use the inner RGB box pattern. (1) Set the [SLEEP TIMER] key to 0 min. (2) Press the [DISPLAY] key and the [VIDEO STATUS] key simultaneously. (3) Press the [9] key to display the RGB box pattern. (4) Select the R mode by pressing the [DISPLAY] key. (5) Adjust the R mode to setting as same as G mode by pressing the [CH +] / [CH -] key. (6) Select the B mode pressing by the [DISPLAY] key. (7) Adjust the B mode to setting as same as G mode by pressing the [VOL -] / [VOL +] key. (8) Check to see that the cross pattern is white. If the cross pattern is not white, readjust (5) to (6). Note - G mode : FIXED mode (Can not remove) - Setting data : Memorized at once.
DRIVE CONVERGENCE adjustment	Remote control unit			
 (Adjust) (Fixed) (Adjust) (R)(G)(B) (Adjust) (R) (Fixed) (G) (Adjust) (B) Cross pattern Adjustment COLOR mode → R RGB BOX PATTERN				
[REMOTE CONTROL UNIT KEY FUNCTION]  SLEEP TIMER : R / B data reset / SERVICE MENU setting VOL - : R / B move to Left side by 1 pixel MENU : (Return to normal MENU) 9 : RGB BOX PATTERN DISPLAY : OSD ON/OFF (select : →R→B→RGB) CH + : R / B up position 1 pixel VOL + : R / B move to right side by 1 pixel BACK: Return to SERVICE MENU CH - : R / B Down position by 1 pixel				

4.7.2 VIDEO CIRCUIT

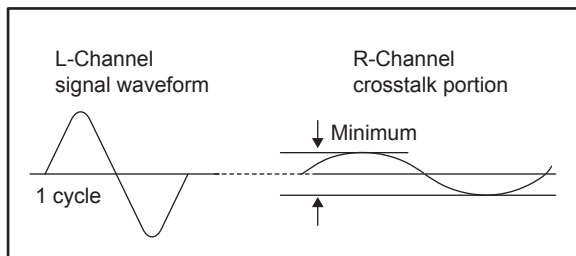
Item	Measuring instrument	Test point	Adjustment part	Description
525i A-D OFFSET adjustment	Signal generator		[1. ADJUST] S001: PREPARE	(1) Input a 525i ramp pattern from COMPONENT VIDEO INPUT terminal. (2) Set VIDEO STATUS to [STANDARD]. (3) Set ASPECT to [FULL]. (4) Set COLOR TEMPERATURE to [LOW]. (5) Select [1.ADJUST] from the SERVICE MENU. (6) Adjust < S001 >(PREPARE) from 000 to 008, goes into the [525i Cb offset] adjustment setting mode. (7) Adjust < S008 > (525i Cb offset) and < S009 > (525i Cr offset) to sets the lose gap (red line, green line and blue line) which disappears the colors at both ends of the center screen. (8) Press the [MUTING] key to memorized the set value. (9) Repeat from (6) and (7), then check to see that both ends color to white. (10) Adjust < S001 > from 008 to 000, it change to the normal mode.
	Remote control unit		S008: 5i CB OF (525i Cb offset) S009: 5i CR OF (525i Cr offset)	
				
1125i BRIGHTNESS adjustment	Signal generator		[1. ADJUST] S001:PREPARE	(1) Input a 1125i gray scale pattern from COMPONENT VIDEO INPUT terminal. (2) Set VIDEO STATUS to [STANDARD]. (3) Set ASPECT to [FULL]. (4) Set COLOR TEMPERATURE to [LOW]. (5) Select [1.ADJUST] from the SERVICE MENU. (6) Adjust < S030 > (Red drive), < S031 > (Green drive) and < S032 > (Blue drive) to set the values [128]. (7) Adjust < S001 > (PREPARE) from 000 to 012, it goes to [A/D offset] adjustment mode. (8) Adjust < S012 > (HDBL) to set the 0% black part in the upper half of the screen to be largest. (9) Press the [MUTING] key to memorized the set value. (10) Adjust < S001 > from 012 to 000, it change to the normal mode.
	Remote control unit		S012:HD BL (1125i brightness) S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	
Adjust the white area of 0% part largest.  <AD offset adjustment mode>				

Item	Measuring instrument	Test point	Adjustment part	Description
1125i A-D OFFSET adjustment	Signal generator Remote control unit		[1. ADJUST] S001:PREPARE S013:HD CB OF (1125i Cb offset) S014:HD CR OF (1125i Cr offset) S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	(1) Input a 1125i 30% all white pattern signal from COMPONENT VIDEO INPUT terminal. (2) Set VIDEO STATUS to [STANDARD]. (3) Set ASPECT to [FULL]. (4) Set COLOR TEMPERATURE to [LOW]. (5) Select [1.ADJUST] from the SERVICE MENU. (6) Adjust < S030 > (Red drive), < S031 > (Green drive) and < S032 > (Blue drive) to set the values [128]. (7) Adjust < S001 > (PREPARE) from 000 to 013, it goes to [Cb offset] adjustment mode. (8) Adjust < S013 > (1125i Cb offset) to minimize the blue noise in the upper half of the screen. (9) Adjust < S014 > (1125i Cr offset) to minimize the red noise in the upper half of the screen. (10) Press the [MUTING] key to memorized the set value. (11) Repeat from (8) to (10) then adjust the adjustment screen lightest color. (12) Adjust < S001 > (PREPARE) from 013 to 000, it change to the normal mode.
				
SUB SCREEN A-D OFFSET adjustment	Signal generator Remote control unit		[1. ADJUST] S001:PREPARE S016:RT CB OF (Sub screen Cb offset) S017:RT CR OF (Sub screen Cr offset) S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	(1) Set VIDEO STATUS to [STANDARD]. (2) Set ASPECT to [FULL]. (3) Set COLOR TEMPERATURE to [LOW]. (4) Set MULTI SCREEN to [TWIN]. (5) Set the LEFT screen to VIDEO-1 mode (No signal). (6) Receive a NTSC 30% all white signal on the RIGHT screen from RF(TV). (7) Select [1.ADJUST] from the SERVICE MENU. (8) Adjust < S030 > (Red drive), < S031 > (Green drive) and < S032 > (Blue drive) to set the values [128]. (9) Adjust < S001 > (PREPARE) from 000 to 016, it goes to [Sub-screen Cb offset] adjust mode. (10) Adjust < S016 > (Sub-screen Cb offset) to minimize the blue noise in the upper half of the screen. If you select < S016 >, the screen automatically turn to adjust mode. (11) Adjust < S017 > (Sub-screen Cr offset) to minimize the red noise in the upper half of the screen. (12) Press the [MUTING] key to memorized the set value. (13) Adjust < S001 > (PREPARE) from 016 to 000, it change to the normal mode.
				

Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE (High light) adjustment	Signal generator Remote control unit		[1. ADJUST] S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	(1) Receive a NTSC all-white (75% white) pattern signal. (2) Set VIDEO STATUS to [STANDARD]. (3) Set ASPECT to [FULL]. (4) Set COLOR TEMPERATURE to [LOW]. (5) Select [1.ADJUST] from the SERVICE MENU. (6) Fix one of < S030 > (Red drive), < S031 > (Green drive) or < S032 > (Blue drive). Then, lower the other two that are not fixed so that the all-white screen is equally white throughout. (7) Adjust one or more of < S030 > (R.DRIVE), < 031 > (G DRIVE) and < 032 > (B DRIVE) to set values [128]. (8) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (9) Press the [MUTING] key to memorized the set value.

4.7.3 MTS CIRUT

Item	Measuring instrument	Test point	Adjustment part	Description
MTS INPUT LEVEL adjustment	Remote control unit		[1. ADJUST] T001:IN LEVEL	(1) Select the [1.ADJUST] from the SERVICE MENU. (2) Select the <T001> (IN LEVEL). (3) Set the <T001> (IN LEVEL) to initial setting value. (4) Press the [MUTING] key to memorized the set value.
MTS SEPARATION adjustment	TV audio multiplex Oscilloscope Remote control unit		[1. ADJUST] T002: LOW SEP T003: HIGH SEP	(1) Input stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal. (2) Connect an oscilloscope to L OUTPUT pin of the AUDIO OUT, and display one cycle portion of the 300Hz signal. (3) Change the connection of the oscilloscope to R OUTPUT pin of the AUDIO OUT, and enlarge the voltage axis. (4) Select <T002> (LOW SEP.). (5) Set the initial setting value of <T002> (LOW SEP.). (6) Adjust <T002> (LOW SEP.) so that the stroke element of the 300Hz signal will become minimum. (7) Change the signal to 3kHz, and similarly adjust <T003> (HIGH SEP.). (8) Press the [MUTING] key to memorized the set value.



SECTION 5 TROUBLESHOOTING

5.1 SELF-CHECK FEATURE

5.1.1 OUTLINE

This unit comes with the SELF-CHECK feature, which checks the operational state of the circuit and displays/saves it during failure. SELF-CHECK is performed when power is turned on, and information input to the main microcomputer is monitored at all time. SELF-CHECK is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I2C bus and the various control lines connected to the main microcomputer.

5.1.2 HOW TO ENTER THE SELF-CHECK DISPLAY SCREEN

Before entering the SELF-CHECK display mode, confirm that the setting of TV / CATV SW of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR / DVD SW is at the "VCR" side. If the switches have not been properly set, you cannot enter the SELF-CHECK display mode.

- (1) Press the [SLEEP TIMER] key and set it to 0 minutes.
- (2) Press the [VIDEO STATUS] key and [DISPLAY] key simultaneously, then enter the SERVICE MENU.
- (3) Press the [2] key to enter the SELF-CHECK mode.

5.1.3 HOW TO EXIT THE SELF-CHECK DISPLAY SCREEN TO SAVE FAILURE HISTORY :

Turn off the power by unplugging the AC power cord plug when in the SELF-CHECK mode.

TO CLEAR (RESET) FAILURE HISTORY :

Turn off the power by pressing the [POWER] key on the remote control unit when in the SELF-CHECK display screen.

5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

NOTE :

Only SYNC (with/without sync signals) will be neither counted nor stored.

5.1.5 POINTS TO NOTE WHEN USING THE SELF-CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be SELF-CHECK as "Abnormal" and displayed and counted as "NG".

- (1) Temporary defective transmissions across circuits due to pulse interruptions.
- (2) Misalignment in the on/off timing of power for I²C bus (VCC) when turning on/off the main power.

SELF-CHECK may be impeded if a large number of items are displayed as "NG". As such, start SELF-CHECK only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new SELF-CHECK results.

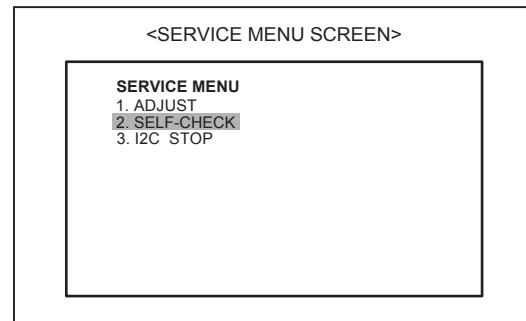


Fig.1

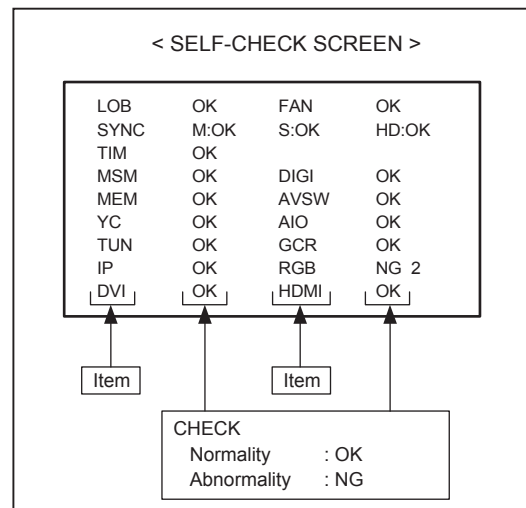


Fig.2

5.1.6 DETAILS

Self-check is performed for the following items.

Check item	Display	Description of detection	Diagnosis signal (line)	Means of detection
Low bias line short protection	LOB	Low bias line (9V / 5V) short protector activated. Confirm the operation of the low bias protection circuit. [Q2802 / Q2801] (REGULATOR PWB)	Protector	Detection starts 3 seconds upon power on Turns off power if NG is detected within 400ms.
Fan lock (stop)	FAN	Confirmation of operating stop of heat cooling fan. [IC8005 : 1 / 2 / 4 / 5-pin] (FAN CONTROL PWB)	Protector	Detection starts 3 seconds upon power on Turns off power if NG is detected within 250ms.
AC timer clock	TIM	Not used	---	---
Presence of sync signal	SYNC	Confirmation of presence of video sync signal. M : Main sync signal S : Sub sync signal HD : Component sync signal [IC201] (ANALOG SIGNAL PWB)	SDA	Confirmation of presence of video sync signal.
MAIN CPU communication	MSM	Confirmation of ACK (response) signal which used sync communications with Chassis CPU. [IC7601] (DIGITAL SIGNAL PWB)	WAKE	If it checks whenever sync communication with SHM performed and no reply of ACK signal an error will be counted.
Digital tuner	DIGI	Not used	---	---
Memory for chassis CPU	MEM	Confirmation of reply of ACK signal which used I ² C communication. [IC7602] (DIGITAL SIGNAL PWB)	SDA	If checks whenever I ² C communication is performed and no reply of ACK signal an error will be counted.
AV switch	AVSW	Same as above [IC501] (ANALOG SIGNAL PWB)	SDA	Same as above
3D YC separation	YC	Same as above [IC1001] (DIGITAL SIGNAL PWB)		
Audio process	AIO	Same as above [IC1140] (RECEIVER PWB)		
RF tuner	TUN	Same as above [TU1101] (RECEIVER PWB)		
Ghost reduction	GCR	Not used	---	---
DIST process	IP	Confirmation of reply of ACK signal which used I ² C communication. [IC3001] (DIGITAL SIGNAL PWB)	SDA	If checks whenever I ² C communication is performed and no reply of ACK signal an error will be counted.
RGB process	RGB	Same as above [IC4001] ((DIGITAL SIGNAL PWB)		
DVI transmission	DVI	Not used	---	---
Digital input receive	HDMI	Confirmation of reply of ACK signal which used I ² C communication. [IC8001] (DIGITAL SIGNAL PWB)	SDA	If checks whenever I ² C communication is performed and no reply of ACK signal an error will be counted.

5.1.7 DISPLAY METHOD WHEN RASTER IS NOT AVAILABLE

In a state where a display screen does not appear due to the failure of this unit, the POWER LED (blue) and LAMP LED (orange) can light up and display a trouble mode.

The factors in case the power is forcibly shut down at the time of failure are memorized and those are displayed.

Check item	Contents	Classifications	LED flash cycle	
			POWER LED	LAMP LED
Lamp does not light up	Detection of lamp return (LAMP_RTN) signals output depending on the status of the lamp supply electric current monitored constantly within the lamp ballast unit. (H = Off) [LAMP BALLAST UNIT : CN200 [3pin]]	3	0.1 sec interval Simultaneously	0.1 sec interval Simultaneously
Lamp goes out	Detection of lamp return (LAMP_RTN) signals output depending on the status of the lamp supply electric current monitored constantly within the lamp ballast unit. (H = Off) [LAMP BALLAST UNIT : CN200 [3pin]]	3	0.1 sec interval Simultaneously	0.1 sec interval Simultaneously
Abnormal DD CPU circuit	Detection of serial communication error between MAIN DRIVE PWB and RECEIVER PWB. [IC3701 [5 / 7pin]] (MAIN DRIVE PWB)	2	-----	0.5 sec interval
Fan lock (stop)	Detection of LOCK signals outputting the operation (circuit) status of the cooling fan. (H=Abnormal) [IC8005 : 1 / 2 / 4 / 5-pin] (FAN CONTROL PWB)	1	0.5 sec interval Alternately	0.5 sec interval Alternately
Lamp cover open	Detection of the interlock switch status for the lamp cover. (H = Abnormal) [S0201] (LAMP COVER SW PWB)	3	0.1 sec interval Simultaneously	0.1 sec interval Simultaneously
Abnormal D-ILA DEVICE temperature	Detection of abnormal inner cabinet temperature. (53°C) [IC2001] (TEMPERATURE SENSOR PWB)	1	0.5 sec interval Alternately	0.5 sec interval Alternately

EXPLANATION ON ACTION

If NG is detected on an item being diagnosed, turn off the power on this unit. As soon as the power goes off, turn on and off POWER LED and LAMP LED immediately. After the power is shut down, it becomes impossible to turn on the power until the power cable is either plugged in or unplugged from the AC outlet.

- When [1] and [3] take place at the same time, give priority to [1], and [2] will not take place simultaneously with [1] and [3].

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STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the $\triangle$ symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1)Input signal : Colour bar signal
- (2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3)Internal resistance of tester : DC 20k Ω /V
- (4)Oscilloscope sweeping time : H $\Rightarrow$ 20 μ s / div
: V $\Rightarrow$ 5ms / div
: Others $\Rightarrow$ Sweeping time is specified
- (5)Voltage values : All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R1209 $\rightarrow$ R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

- No unit : [Ω]
- K : [k Ω]
- M : [M Ω]

● Rated allowable power

- No indication : 1/16 [W]
- Others : As specified

● Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uninflamable resistor
- FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

- 1 or higher : [pF]
- less than 1 : [μ F]

● Withstand voltage

- No indication : DC50[V]
- Others : DC withstand voltage [V]
- AC indicated : AC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value [μ F]/withstand voltage[V]

● Type

- No indication : Ceramic capacitor
- MM : Metalized mylar capacitor
- PP : Polypropylene capacitor
- MPP : Metalized polypropylene capacitor
- MF : Metalized film capacitor
- TF : Thin film capacitor
- BP : Bipolar electrolytic capacitor
- TAN : Tantalum capacitor

(3)Coils

- No unit : [μ H]
- Others : As specified

(4)Power Supply

-  : B1
-  : B2 (12V)
-  : 9V
-  : 5V

* Respective voltage values are indicated

(5)Test point

-  : Test point
-  : Only test point display

(6)Connecting method

-  : Connector
-  : Wrapping or soldering
-  : Receptacle

(7)Ground symbol

-  : LIVE side ground
-  : ISOLATED(NEUTRAL) side ground
-  : EARTH ground
-  : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : () side GND and the ISOLATED(NEUTRAL) : () side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.

When ordering parts, please use the numbers that appear in the Parts List.

CONTENTS

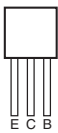
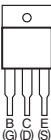
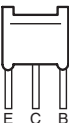
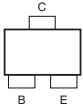
SEMICONDUCTOR SHAPES	2-3
WIRING DIAGRAM	2-5
BLOCK DIAGRAM	2-7
CIRCUIT DIAGRAMS	2-9
RECEIVER PWB CIRCUIT DIAGRAM	2-9
REAR JACK PWB CIRCUIT DIAGRAM	2-13
ANALOG SIGNAL PWB CIRCUIT DIAGRAM	2-15
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM	2-25
SUB DRIVE PWB CIRCUIT DIAGRAM	2-47
MAIN DRIVE PWB CIRCUIT DIAGRAM	2-49
POWER PWB CIRCUIT DIAGRAM	2-63
REGULATOR PWB CIRCUIT DIAGRAM	2-67
FAN CONTROL PWB CIRCUIT DIAGRAM	2-69
TEMP. SENSOR PWB CIRCUIT DIAGRAM	2-71
LAMP COVER SW PWB CIRCUIT DIAGRAM	2-72
SIDE CONTROL PWB CIRCUIT DIAGRAM	2-73
FRONT LED PWB CIRCUIT DIAGRAM	2-75
REMOTE SENSOR PWB CIRCUIT DIAGRAM	2-77
PATTERN DIAGRAMS	2-79
RECEIVER PWB PATTERN	2-79
REAR JACK PWB PATTERN	2-81
ANALOG SIGNAL PWB PATTERN	2-83
DIGITAL SIGNAL PWB PATTERN	2-85
MAIN DRIVE PWB PATTERN	2-89
POWER PWB PATTERN	2-93
REGULATOR PWB PATTERN	2-97
SUB DRIVE PWB PATTERN	2-99
FAN CONTROL PWB PATTERN	2-100
TEMP. SENSOR PWB PATTERN	2-100
LAMP COVER SW PWB PATTERN	2-100
SIDE CONTROL PWB PATTERN	2-101
FRONT LED PWB PATTERN	2-102
REMOTE SENSOR PWB PATTERN	2-102
CHANNEL CHART (US)	2-103
CHANNEL CHART (CA)	2-104

USING P.W. BOARD

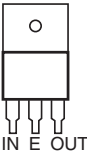
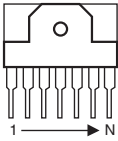
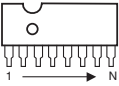
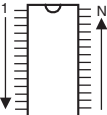
PWB ASS'Y name	HD-52Z575	HD-52Z585	HD-61Z575	HD-61Z585
RECEIVER P.W. BOARD	SRP0R005A-M2	←	←	←
REAR JACK P.W. BOARD	SRP0J005A-M2	←	←	←
ANALOG SIGNAL P.W. BOARD	SRP-1005A-M2	←	←	←
DIGITAL SIGNAL P.W. BOARD	SRP0D007A-M2	SRP0D005A-M2	SRP0D008A-M2	SRP0D006A-M2
SUB DRIVE P.W. BOARD	SRP-8405A-M2	←	←	←
MAIN DRIVE P.W. BOARD	SRP-3005A-M2	←	←	←
POWER P.W. BOARD	SRP-9005A-M2	←	←	←
REGULATOR P.W. BOARD	SRP-2005A-M2	←	←	←
FAN CONTROL P.W. BOARD	SRP-8105A-M2	←	←	←
TEMP. SENSOR P.W. BOARD	SRP-8205A-M2	←	←	←
LAMP COVER SW P.W. BOARD	SRP0L205A-M2	←	←	←
SIDE CONTROL P.W. BOARD	SRP0L005A-M2	←	←	←
FRONT LED P.W. BOARD	SRP0L105A-M2	←	←	←
REMOTE SENSOR P.W. BOARD	SRP-8005A-M2	←	←	←

SEMICONDUCTOR SHAPES

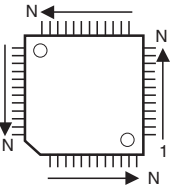
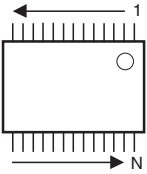
TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR 

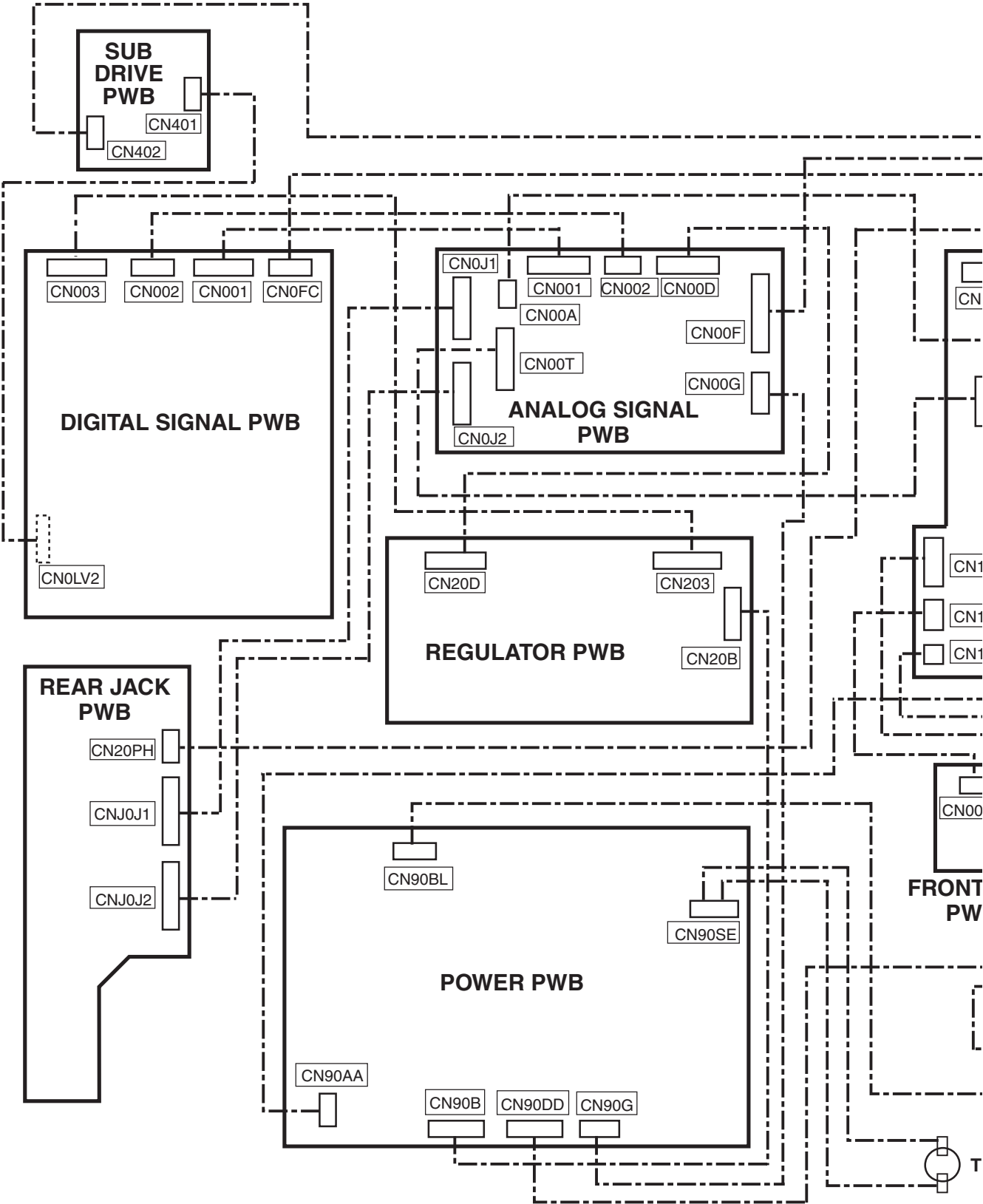
IC

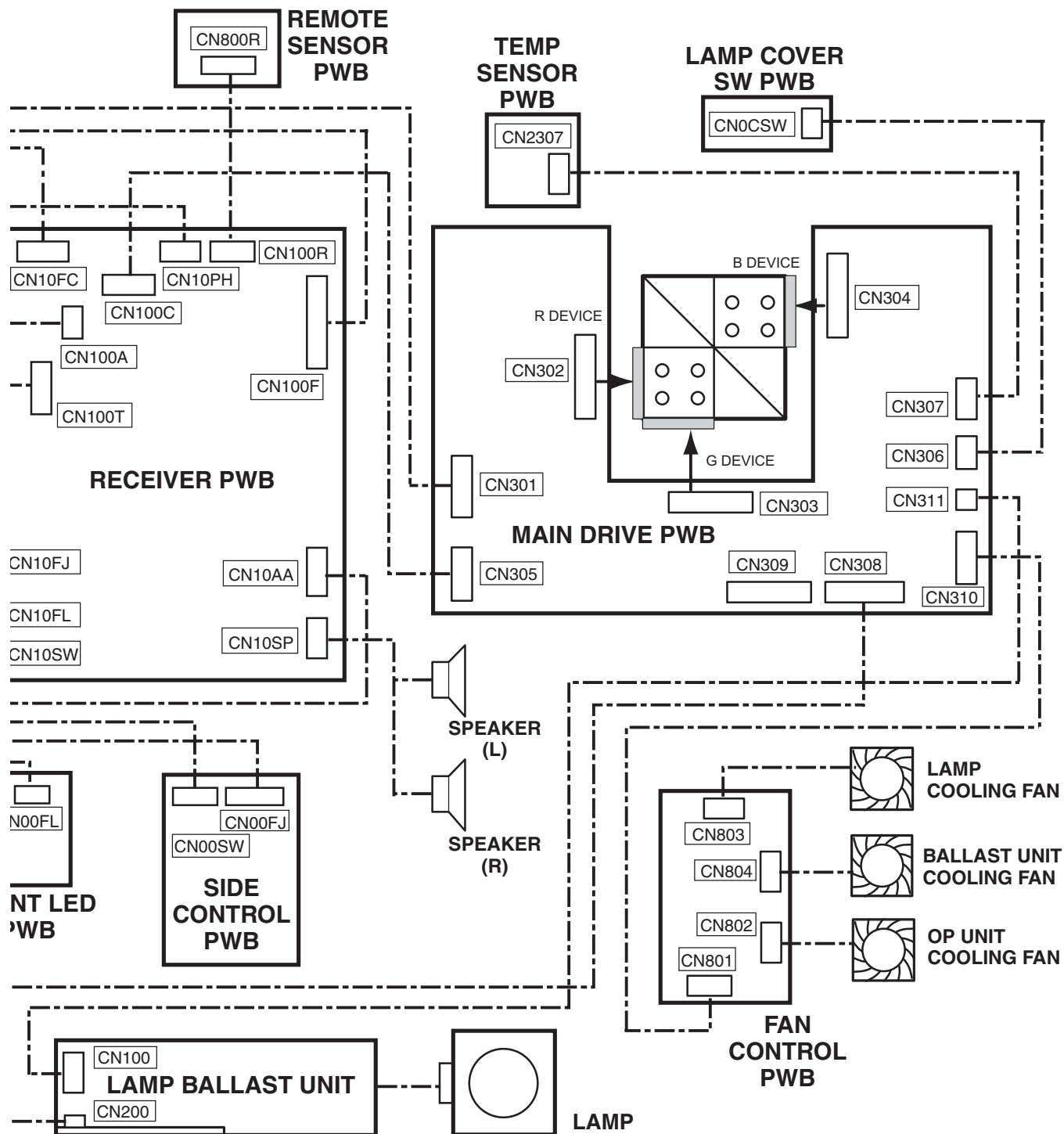
BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

CHIP IC

TOP VIEW		
		

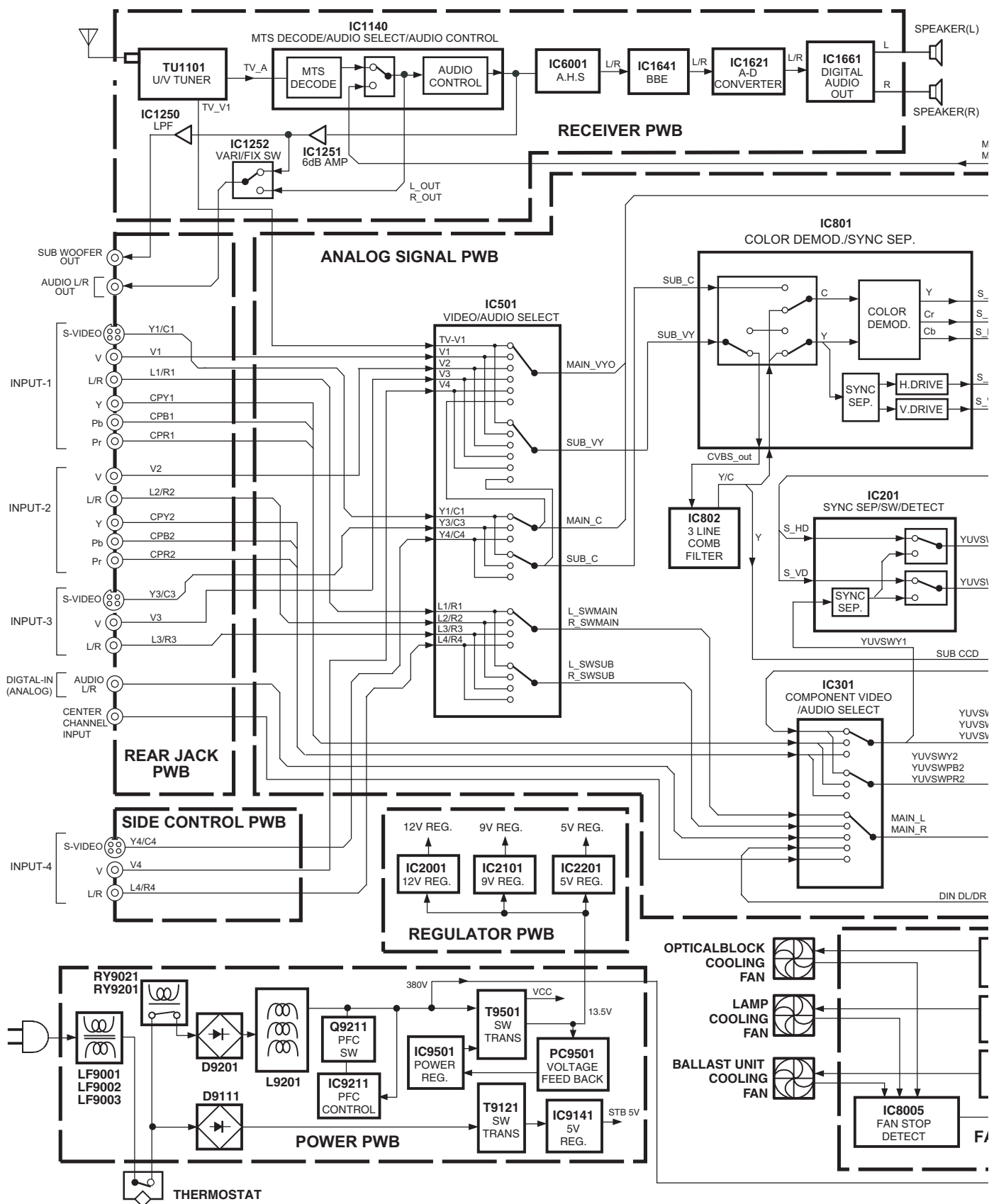
WIRING DIAGRAM

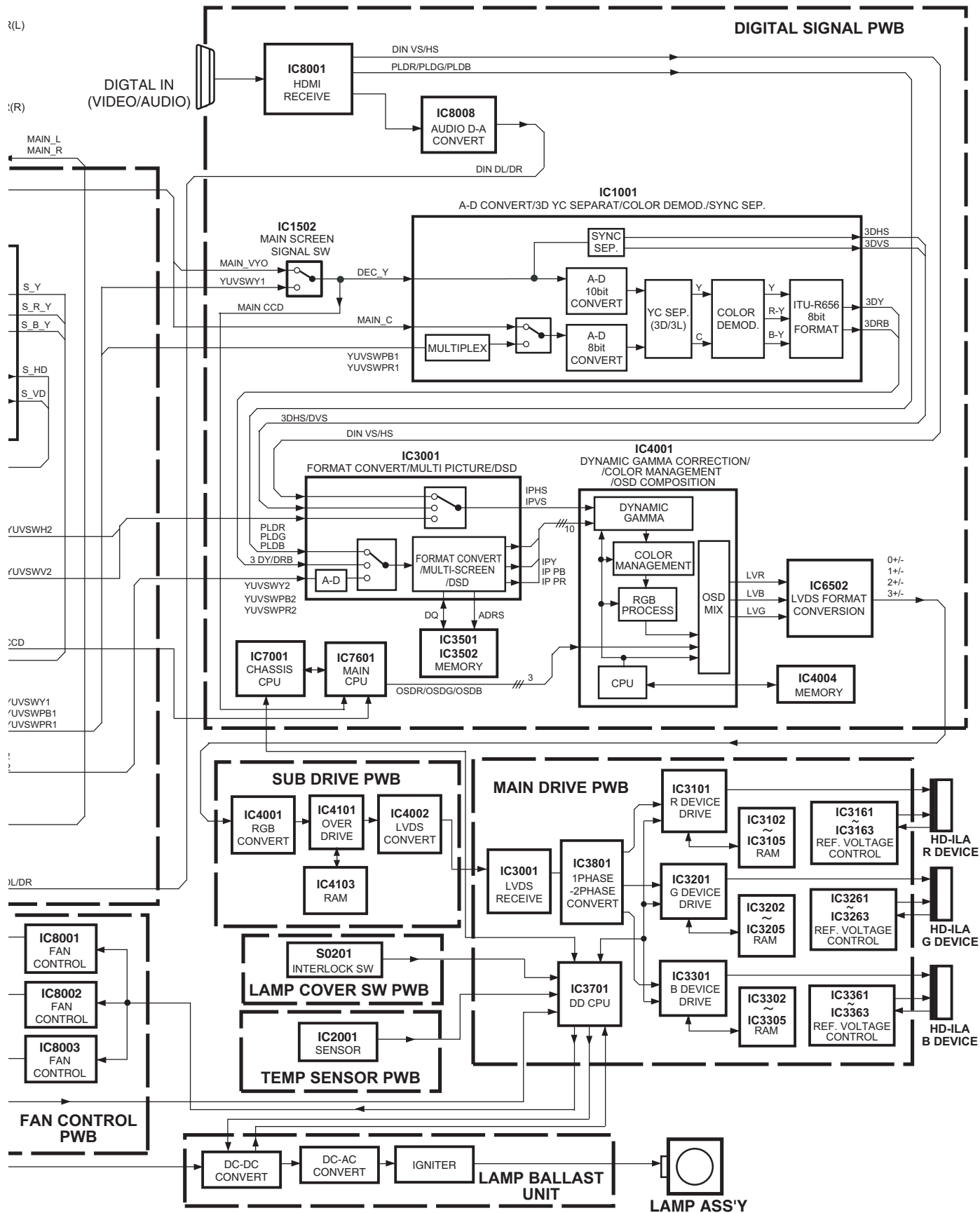




) THERMOSTAT

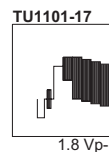
BLOCK DIAGRAM



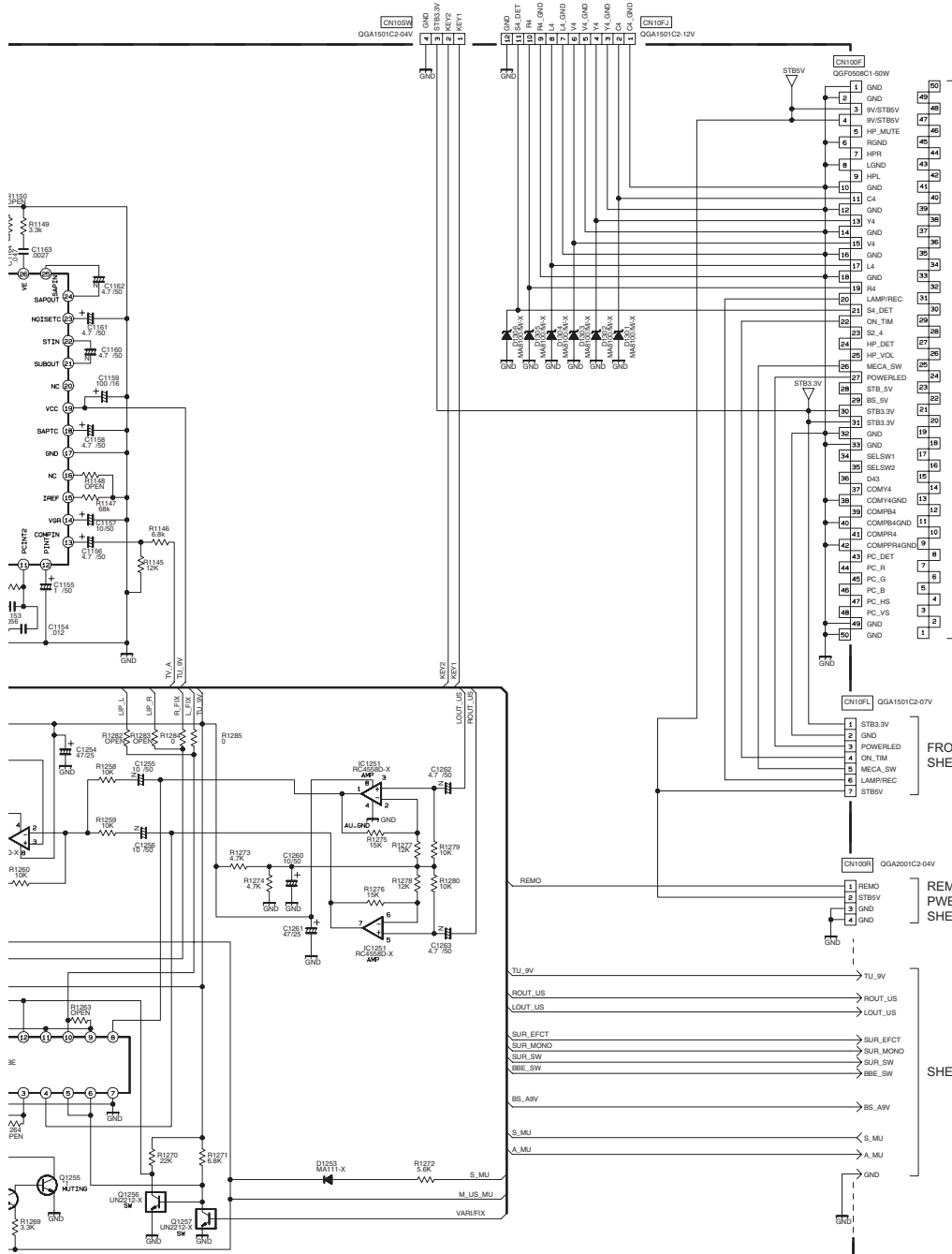


RECEIVER PWB CIRCUIT DIAGRAM (1/2) SHEET1

SHEET 4



SIDE CONTROL PWB
SHEET 33



ANALOG SIGNAL PWB
(1/5)
SHEET 4

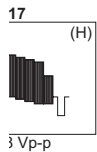
FRONT LED PWB
SHEET 34

REMOTE SENSOR
PWB
SHEET 35

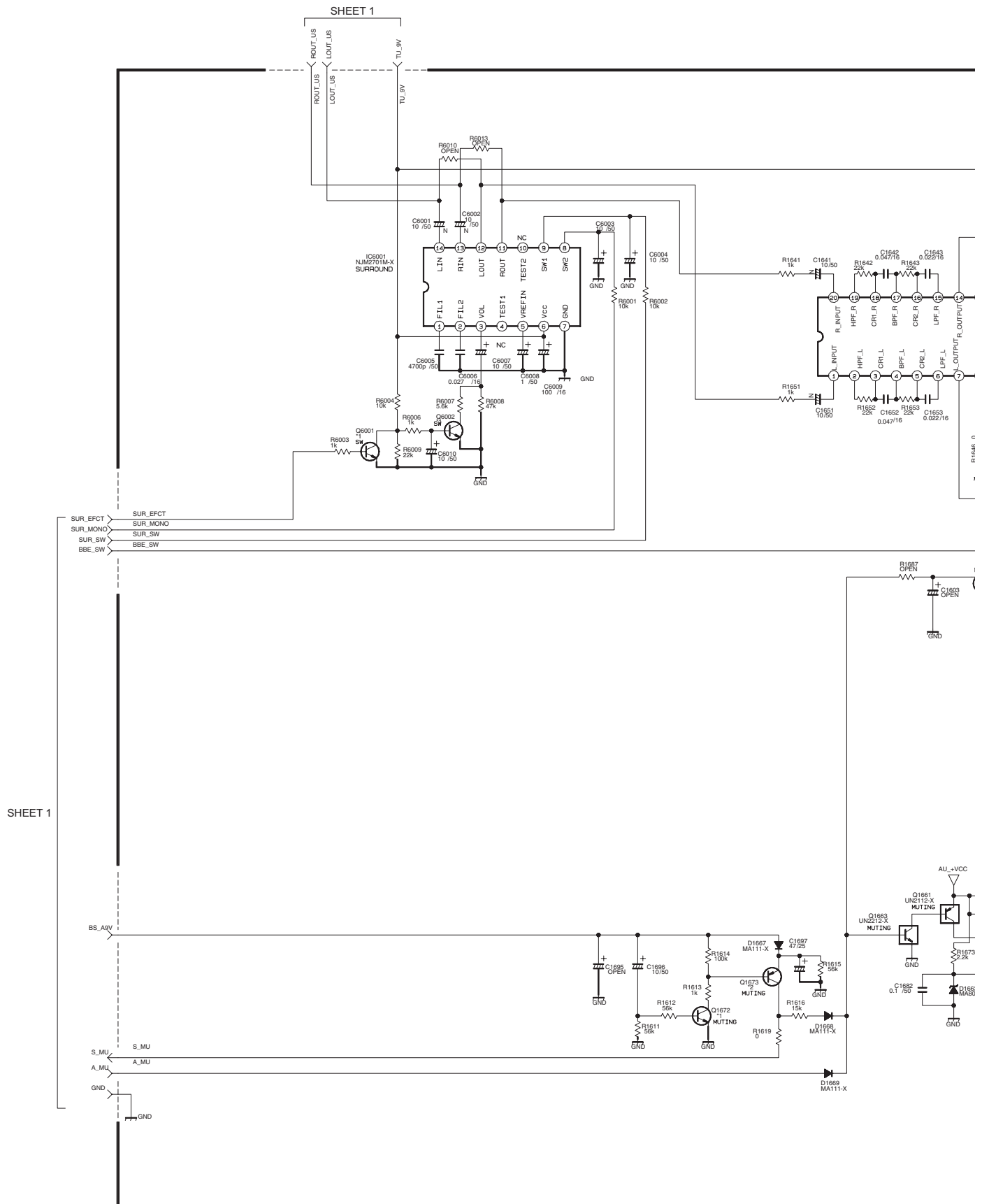
SHEET 2

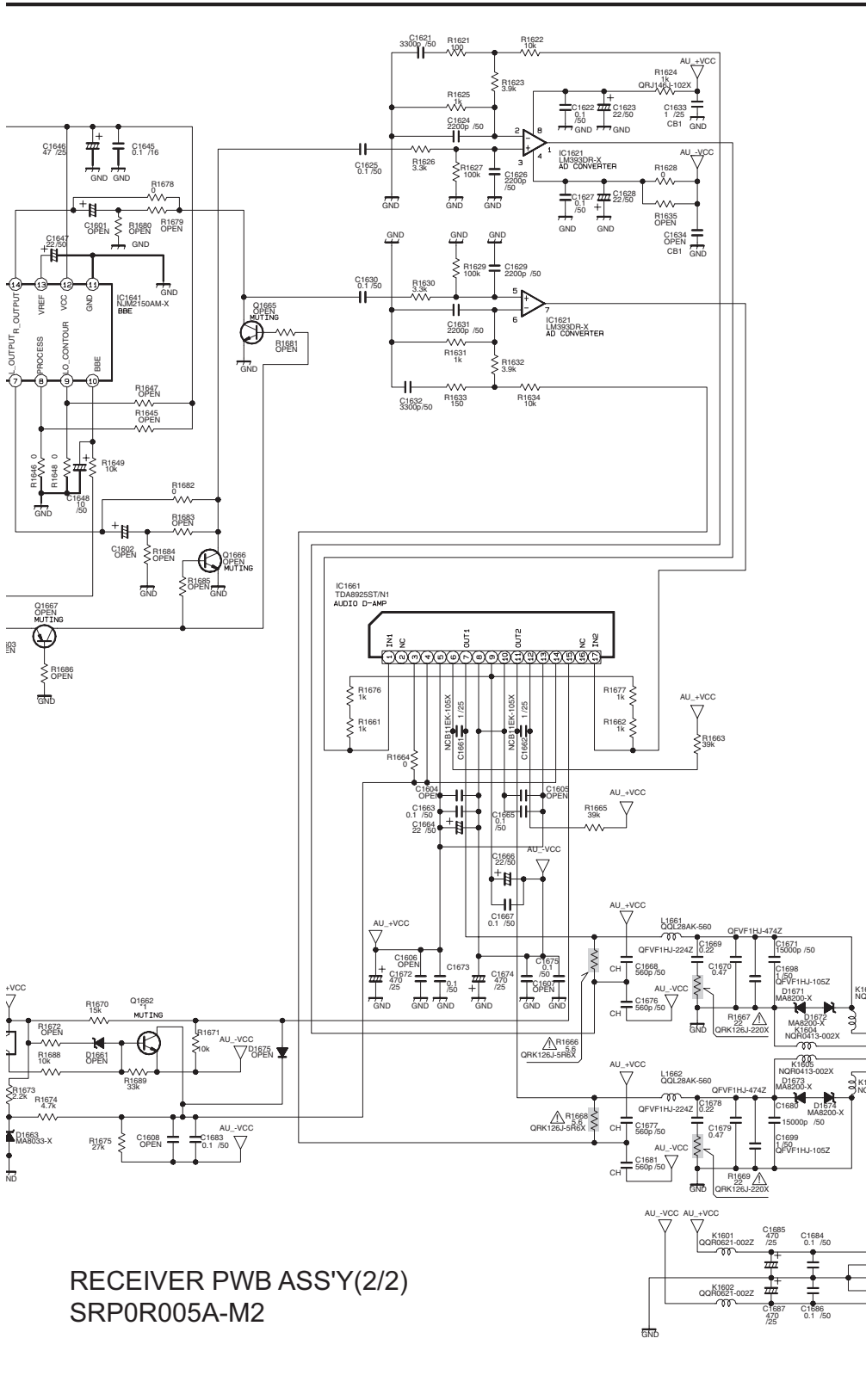
RECEIVER PWB ASS'Y(1/2)
SRP0R005A-M2

MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)
TU1101		IC1250	
1	NC	1	4
2	NC	2	4
3	4.9	3	4
4	NC	4	0
5	NC	5	5
6	NC	6	6
7	NC	7	4
8	NC	8	8.8
9	NC	IC1221	
10	4.3	1	NC
11	4.1	2	4.9
12	2.7	3	4.9
13	1.8	4	4.9
14	NC	5	2.8
15	34.1	6	0
16	NC	7	4.7
17	2	8	0
IC1140		9	NC
1	4	10	0
2	4	11	NC
3	4	12	NC
4	4	13	4.8
5	4.9	14	0
6	4.9	15	0
7	0	16	4.8
8	3.9	IC1252	
9	3.9	1	4
10	4	2	3.9
11	3.8	3	4
12	3.2	4	4
13	4	5	8.8
14	1.2	6	8.8
15	1.3	7	0
16	0	8	4
17	0	9	4
18	3.2	10	3.9
19	8.8	11	8
20	NC	12	8.8
21	4	13	8.8
22	4	14	0
23	4	Q1206	
24	3.8	E	0
25	4	C	8.8
26	3.9	B	8.8
27	4	IC1207	
28	1.9	E	0
29	4	C	8.8
30	4	B	0
31	1.8	Q1252	
32	4	E	0
33	4	C	-2.3
34	4	B	0
35	4	Q1253	
36	4	E	0
37	4	C	0
38	4	B	-2.3
39	3.9	Q1254	
40	3.9	E	0
41	1.1	C	-2.3
42	4	B	0
43	4	Q1255	
44	4	E	0
45	4	C	0
46	4	B	-2.3
47	4	Q1291	
48	4	S	4.9
IC1251		G	3.2
1	4	D	4.8
2	4	Q1292	
3	4	S	4.9
4	0	G	3.2
5	4	D	4.8
6	4		
7	4		
8	8.8		



2-11(No.YA092)

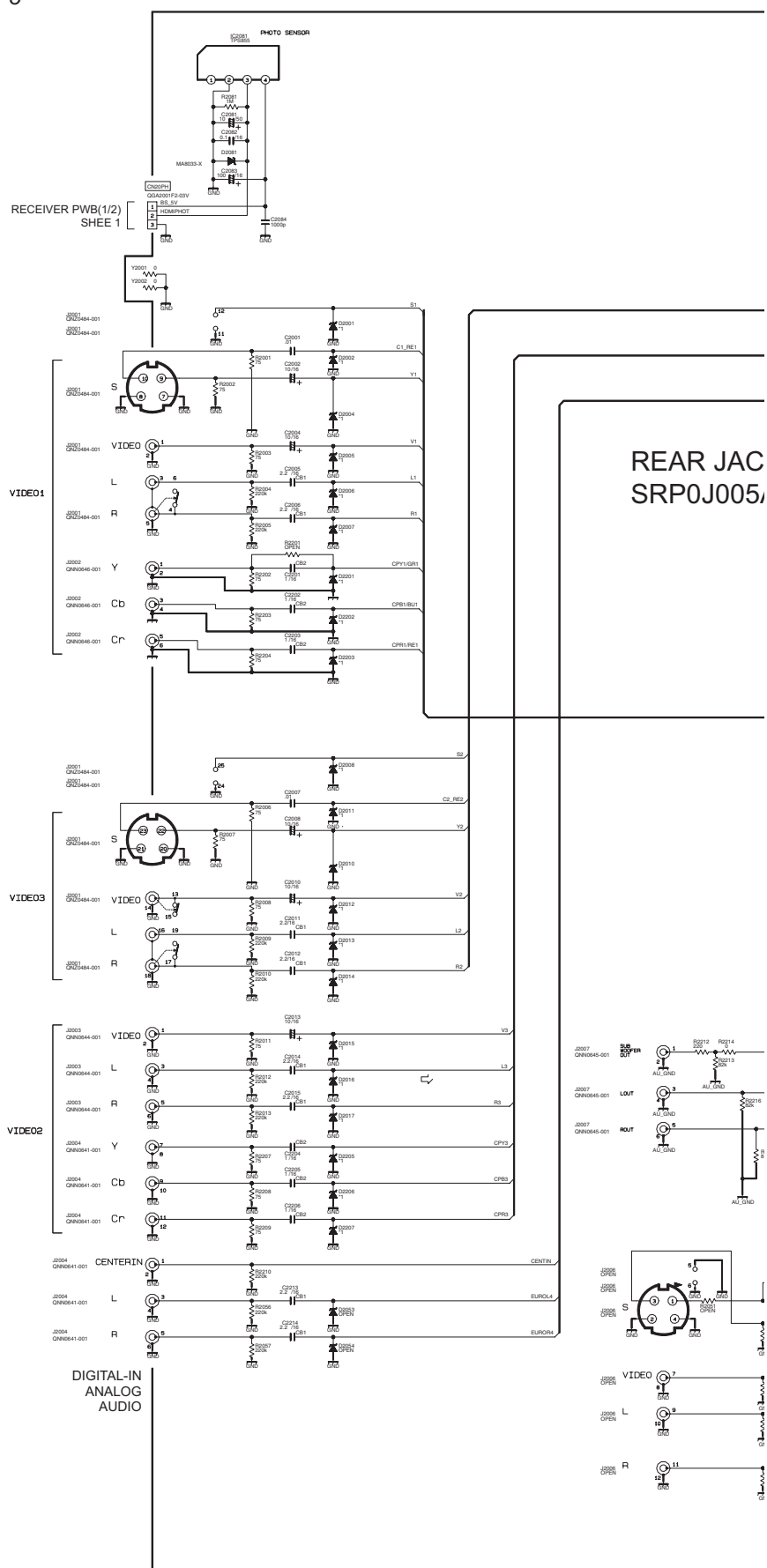




RECEIVER PWB ASS'Y(2/2)
SRP0R005A-M2

MODE PIN NO.	DC (V)
IC6001	
1	4.4
2	4.4
3	4.4
4	NC
5	4.4
6	9
7	0
8	0
9	0
10	NC
11	4.4
12	4.4
13	4.4
14	4.4
IC1641	
1	4.4
2	0
3	0
4	4.4
5	4.4
6	4.4
7	0
8	0
9	0
10	4.7
11	0
12	8.9
13	4.4
14	4.4
15	4.4
16	4.4
17	4.4
18	4.4
19	4.4
20	4.4
IC1621	
1	-13.5
2	0
3	0
4	-13.7
5	0
6	0
7	-13.6
8	12.9
IC1661	
1	-13.5
2	-0.1
3	-13.7
4	-13.7
5	13.6
6	8.9
7	1.7
8	-13.7
9	-0.6
10	-13.7
11	1.7
12	8.9
13	13.6
14	-13.7
15	-3.1
16	-0.1
17	-13.5
Q1661	
E	13.6
C	13.5
B	0
Q1662	
E	-13.7
C	-13.7
B	-13
Q1663	
E	0
C	0
B	1.8
Q1672	
E	0
C	12
B	0
Q1673	
E	11.3
C	0
B	12
Q6001	
E	0
C	3.2
B	2.8
Q6002	
E	0
C	4.4
B	3.2

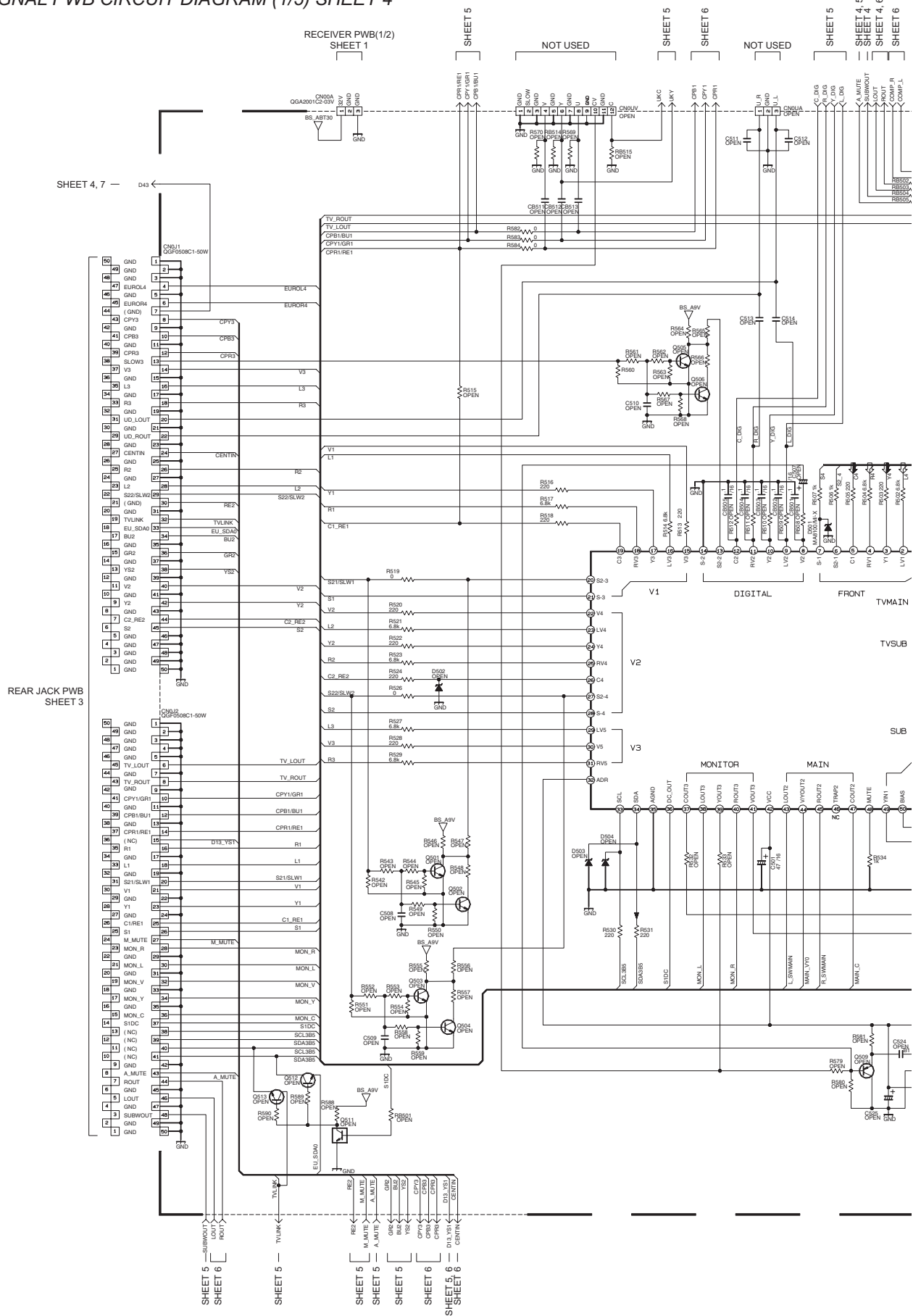
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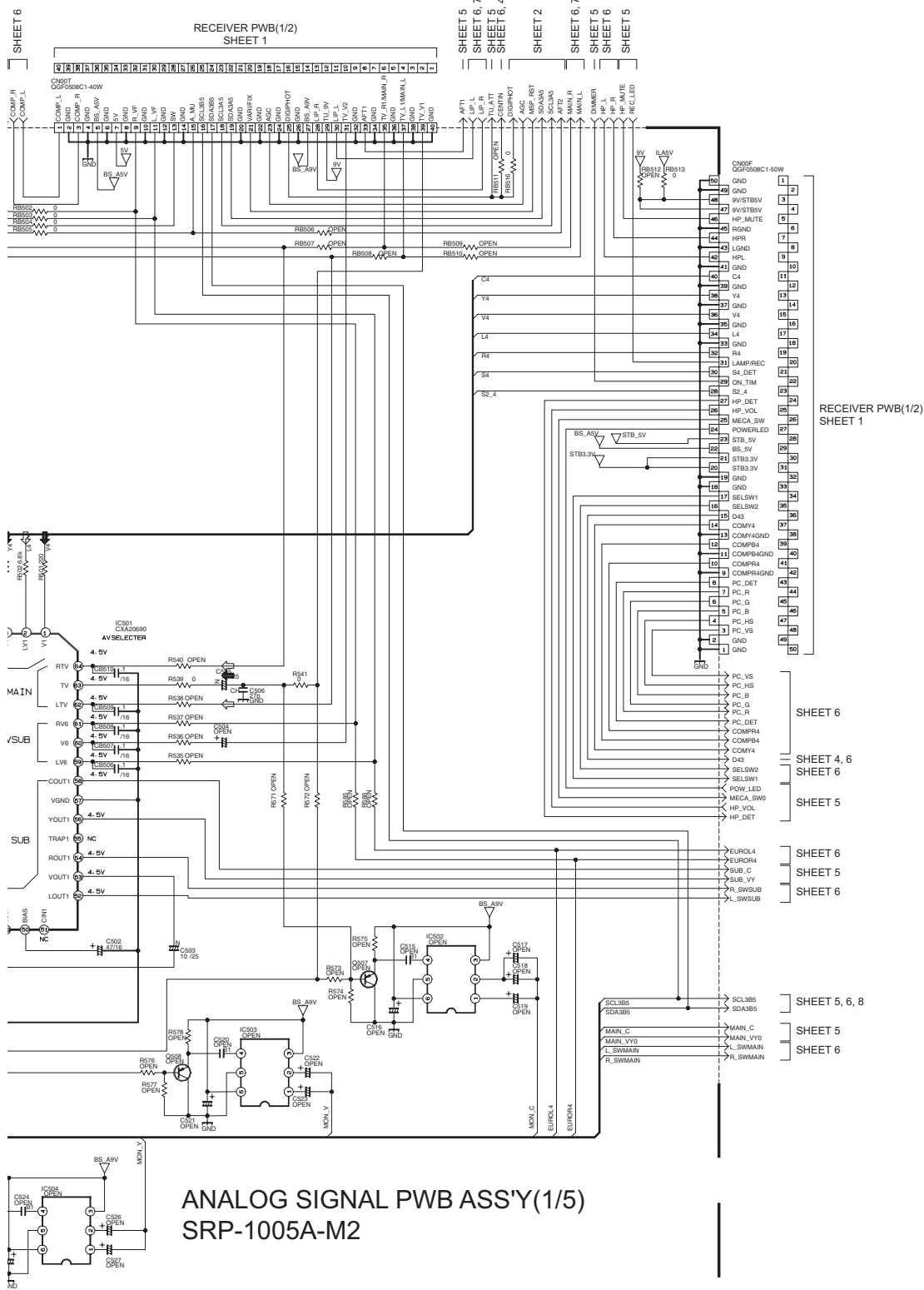


The schematic diagram illustrates the SUBROUT section of the 68000 microprocessor. It shows the internal circuitry connecting the SUBROUT pin to various control signals and data lines. Key components include resistors (R00216, R00217, R00218, R00219, R0058, R0059, R0060, R0061, R0062, R0063, R0064, R0065, R0066, R0067, R0068, R0069, R0070, R0071, R0072, R0073, R0074, R0075, R0076, R0077, R0078, R0079, R0080, R0081, R0082, R0083, R0084, R0085, R0086, R0087, R0088, R0089, R0090, R0091, R0092, R0093, R0094, R0095, R0096, R0097, R0098, R0099, R0100, R0101, R0102, R0103, R0104, R0105, R0106, R0107, R0108, R0109, R0110, R0111, R0112, R0113, R0114, R0115, R0116, R0117, R0118, R0119, R0120, R0121, R0122, R0123, R0124, R0125, R0126, R0127, R0128, R0129, R0130, R0131, R0132, R0133, R0134, R0135, R0136, R0137, R0138, R0139, R0140, R0141, R0142, R0143, R0144, R0145, R0146, R0147, R0148, R0149, R0150, R0151, R0152, R0153, R0154, R0155, R0156, R0157, R0158, R0159, R0160, R0161, R0162, R0163, R0164, R0165, R0166, R0167, R0168, R0169, R0170, R0171, R0172, R0173, R0174, R0175, R0176, R0177, R0178, R0179, R0180, R0181, R0182, R0183, R0184, R0185, R0186, R0187, R0188, R0189, R0190, R0191, R0192, R0193, R0194, R0195, R0196, R0197, R0198, R0199, R0200, R0201, R0202, R0203, R0204, R0205, R0206, R0207, R0208, R0209, R0210, R0211, R0212, R0213, R0214, R0215, R0216, R0217, R0218, R0219, R0220, R0221, R0222, R0223, R0224, R0225, R0226, R0227, R0228, R0229, R0230, R0231, R0232, R0233, R0234, R0235, R0236, R0237, R0238, R0239, R0240, R0241, R0242, R0243, R0244, R0245, R0246, R0247, R0248, R0249, R0250, R0251, R0252, R0253, R0254, R0255, R0256, R0257, R0258, R0259, R0260, R0261, R0262, R0263, R0264, R0265, R0266, R0267, R0268, R0269, R0270, R0271, R0272, R0273, R0274, R0275, R0276, R0277, R0278, R0279, R0280, R0281, R0282, R0283, R0284, R0285, R0286, R0287, R0288, R0289, R0290, R0291, R0292, R0293, R0294, R0295, R0296, R0297, R0298, R0299, R0300, R0301, R0302, R0303, R0304, R0305, R0306, R0307, R0308, R0309, R0310, R0311, R0312, R0313, R0314, R0315, R0316, R0317, R0318, R0319, R0320, R0321, R0322, R0323, R0324, R0325, R0326, R0327, R0328, R0329, R0330, R0331, R0332, R0333, R0334, R0335, R0336, R0337, R0338, R0339, R0340, R0341, R0342, R0343, R0344, R0345, R0346, R0347, R0348, R0349, R0350, R0351, R0352, R0353, R0354, R0355, R0356, R0357, R0358, R0359, R0360, R0361, R0362, R0363, R0364, R0365, R0366, R0367, R0368, R0369, R0370, R0371, R0372, R0373, R0374, R0375, R0376, R0377, R0378, R0379, R0380, R0381, R0382, R0383, R0384, R0385, R0386, R0387, R0388, R0389, R0390, R0391, R0392, R0393, R0394, R0395, R0396, R0397, R0398, R0399, R0400, R0401, R0402, R0403, R0404, R0405, R0406, R0407, R0408, R0409, R0410, R0411, R0412, R0413, R0414, R0415, R0416, R0417, R0418, R0419, R0420, R0421, R0422, R0423, R0424, R0425, R0426, R0427, R0428, R0429, R0430, R0431, R0432, R0433, R0434, R0435, R0436, R0437, R0438, R0439, R0440, R0441, R0442, R0443, R0444, R0445, R0446, R0447, R0448, R0449, R0450, R0451, R0452, R0453, R0454, R0455, R0456, R0457, R0458, R0459, R0460, R0461, R0462, R0463, R0464, R0465, R0466, R0467, R0468, R0469, R0470, R0471, R0472, R0473, R0474, R0475, R0476, R0477, R0478, R0479, R0480, R0481, R0482, R0483, R0484, R0485, R0486, R0487, R0488, R0489, R0490, R0491, R0492, R0493, R0494, R0495, R0496, R0497, R0498, R0499, R0500, R0501, R0502, R0503, R0504, R0505, R0506, R0507, R0508, R0509, R0510, R0511, R0512, R0513, R0514, R0515, R0516, R0517, R0518, R0519, R0520, R0521, R0522, R0523, R0524, R0525, R0526, R0527, R0528, R0529, R0530, R0531, R0532, R0533, R0534, R0535, R0536, R0537, R0538, R0539, R0540, R0541, R0542, R0543, R0544, R0545, R0546, R0547, R0548, R0549, R0550, R0551, R0552, R0553, R0554, R0555, R0556, R0557, R0558, R0559, R0560, R0561, R0562, R0563, R0564, R0565, R0566, R0567, R0568, R0569, R0570, R0571, R0572, R0573, R0574, R0575, R0576, R0577, R0578, R0579, R0580, R0581, R0582, R0583, R0584, R0585, R0586, R0587, R0588, R0589, R0590, R0591, R0592, R0593, R0594, R0595, R0596, R0597, R0598, R0599, R0600, R0601, R0602, R0603, R0604, R0605, R0606, R0607, R0608, R0609, R0610, R0611, R0612, R0613, R0614, R0615, R0616, R0617, R0618, R0619, R0620, R0621, R0622, R0623, R0624, R0625, R0626, R0627, R0628, R0629, R0630, R0631, R0632, R0633, R0634, R0635, R0636, R0637, R0638, R0639, R0640, R0641, R0642, R0643, R0644, R0645, R0646, R0647, R0648, R0649, R0650, R0651, R0652, R0653, R0654, R0655, R0656, R0657, R0658, R0659, R0660, R0661, R0662, R0663, R0664, R0665, R0666, R0667, R0668, R0669, R0670, R0671, R0672, R0673, R0674, R0675, R0676, R0677, R0678, R0679, R0680, R0681, R0682, R0683, R0684, R0685, R0686, R0687, R0688, R0689, R0690, R0691, R0692, R0693, R0694, R0695, R0696, R0697, R0698, R0699, R0700, R0701, R0702, R0703, R0704, R0705, R0706, R0707, R0708, R0709, R0710, R0711, R0712, R0713, R0714, R0715, R0716, R07



ANALOG SIGNAL PWB CIRCUIT DIAGRAM (1/5) SHEET 4



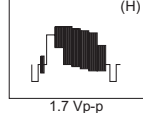


MODE	PIN NO.	DC (V)
IC501		
1	4	
2	4.5	
3	4	
4	4.5	
5	4.4	
6	0.1	
7	4.9	
8	4.1	
9	4.4	
10	4.1	
11	4.4	
12	4.4	
13	6.8	
14	0	
15	4.3	
16	4.4	
17	4.3	
18	4.4	
19	4.4	
20	6.7	
21	0	
22	3.8	
23	4.4	
24	4	
25	4.5	
26	4.4	
27	6.7	
28	0	
29	4.4	
30	4	
31	4.5	
32	9	
33	4.8	
34	4.8	
35	0	
36	0	
37	4.4	
38	4.4	
39	3.7	
40	4.4	
41	4.4	
42	9	
43	4.5	
44	4.3	
45	4.5	
46	3.7	
47	0	
48	0	
49	4.9	
50	4.4	
51	0	
52	4.5	
53	4.4	
54	4.5	
55	3.7	
56	4	
57	0	
58	4.2	
59	4.4	
60	4	
61	4.4	
62	4.4	
63	4.4	
64	4.4	

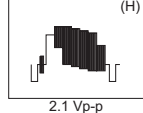
— NOTE —

0 : NPSA63-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X

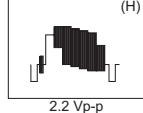
IC501-44



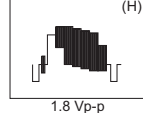
IC501-49



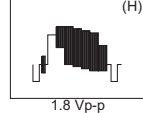
IC501-53



IC501-56



IC501-63

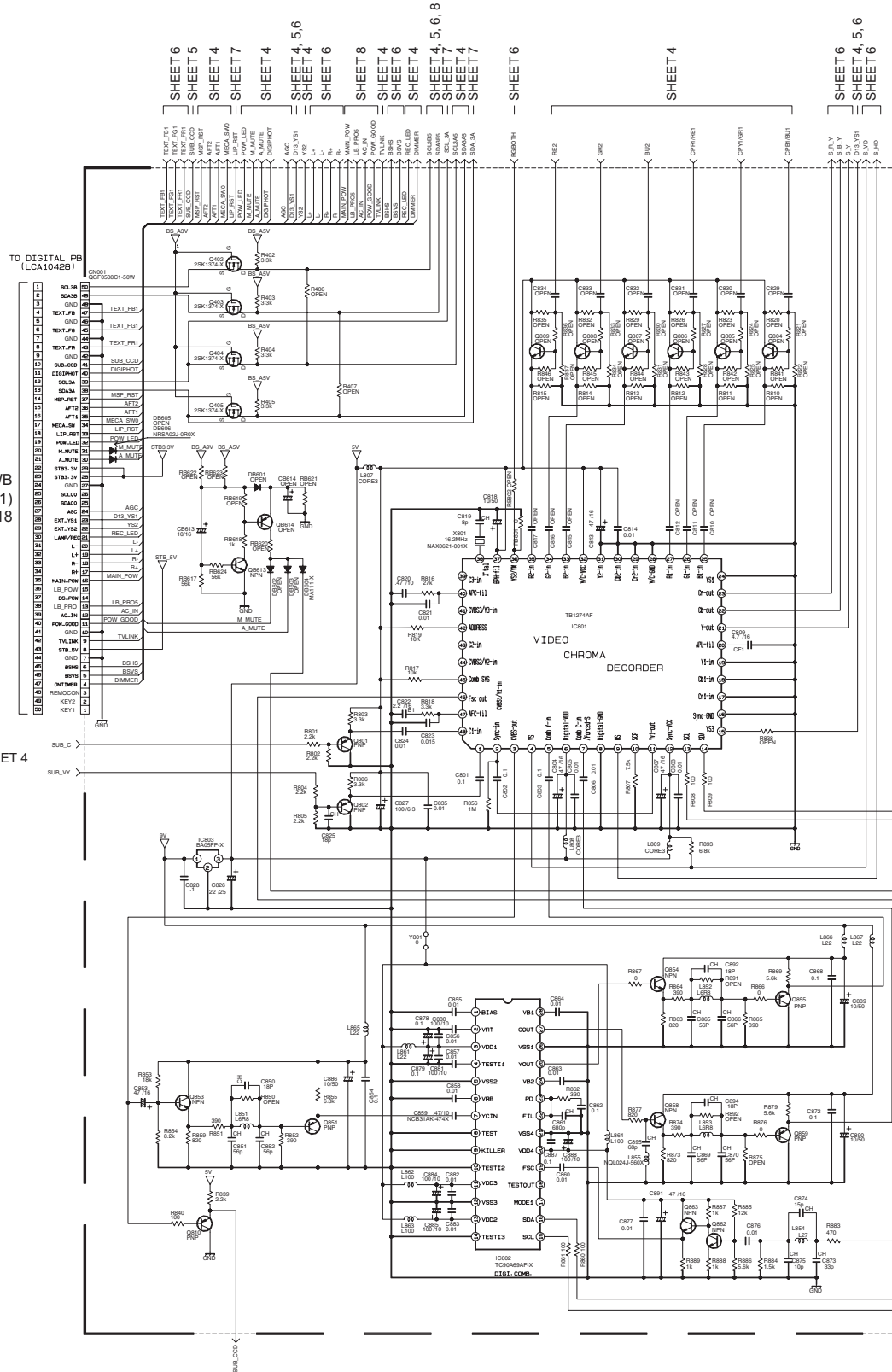


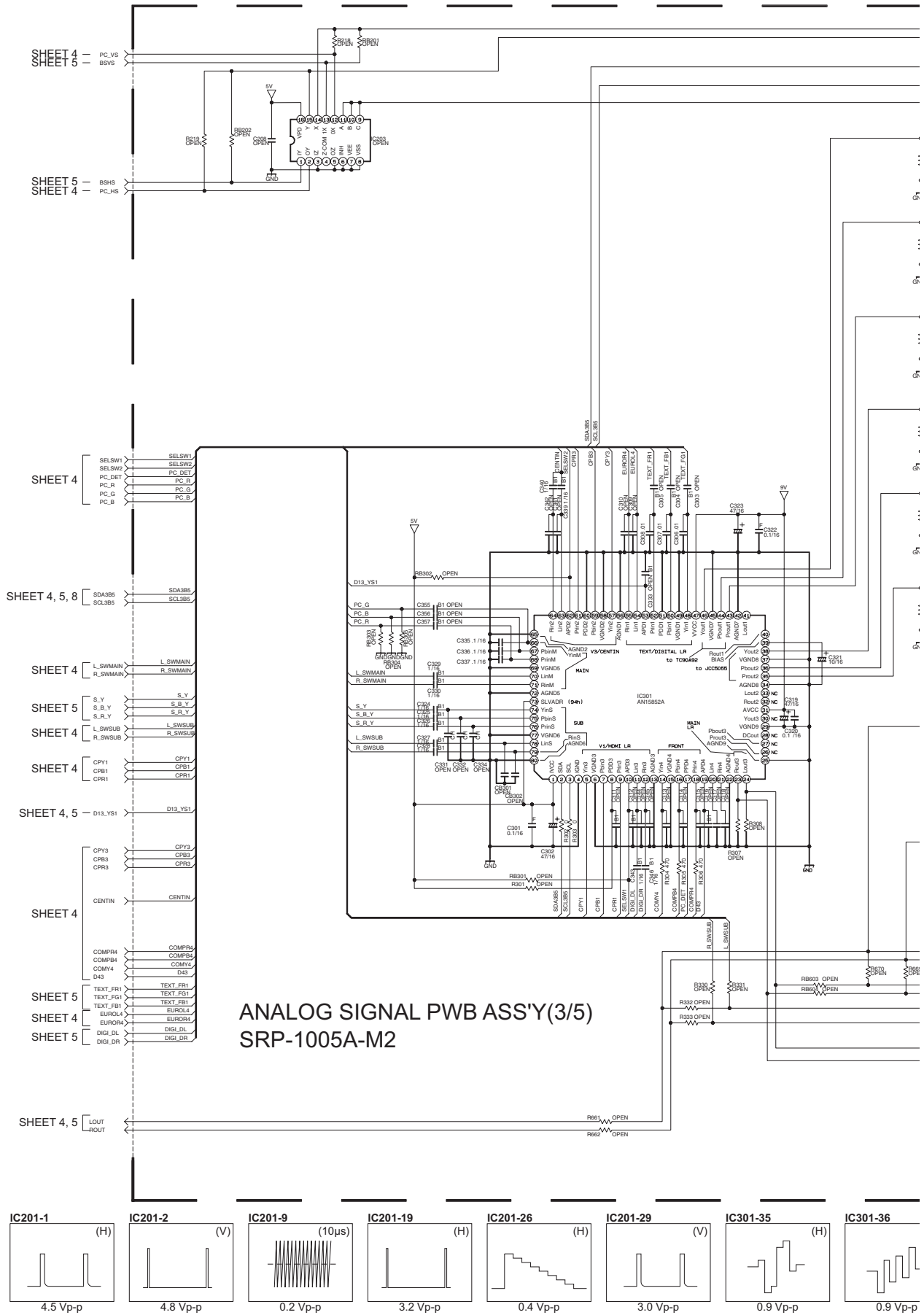
ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/5) SHEET 5

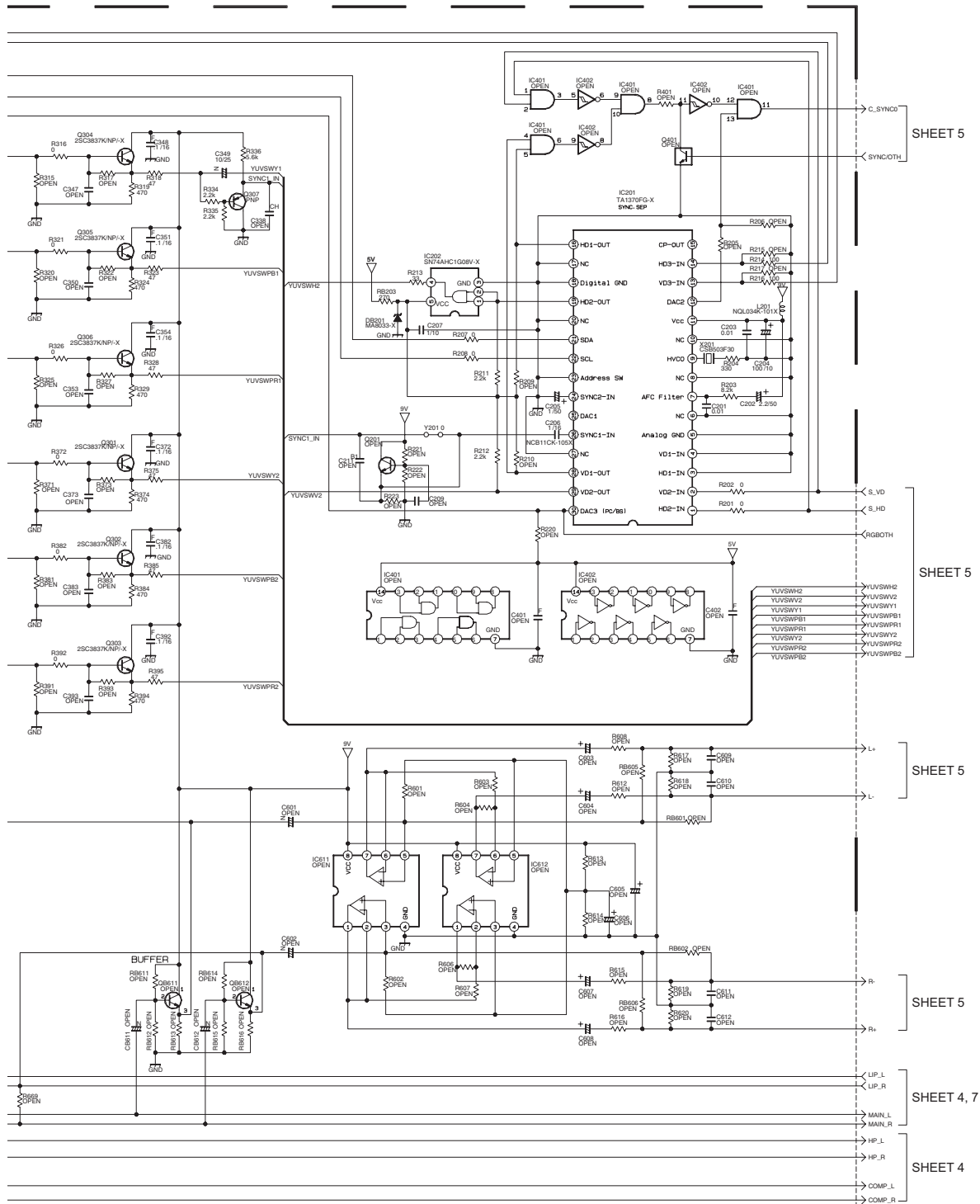
DIGITAL SIGNAL PWB
(10/11)
SHEET 18

SHEET 4

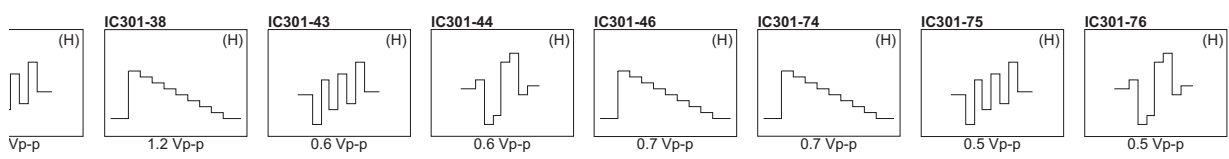
SHEET 6
SHEET 5
SHEET 4
SHEET 7
SHEET 4
SHEET 4, 5, 6
SHEET 6
SHEET 8
SHEET 4
SHEET 6
SHEET 4
SHEET 4, 5, 6, 8
SHEET 7
SHEET 4
SHEET 6
SHEET 4
SHEET 6
SHEET 4, 5, 6
SHEET 6



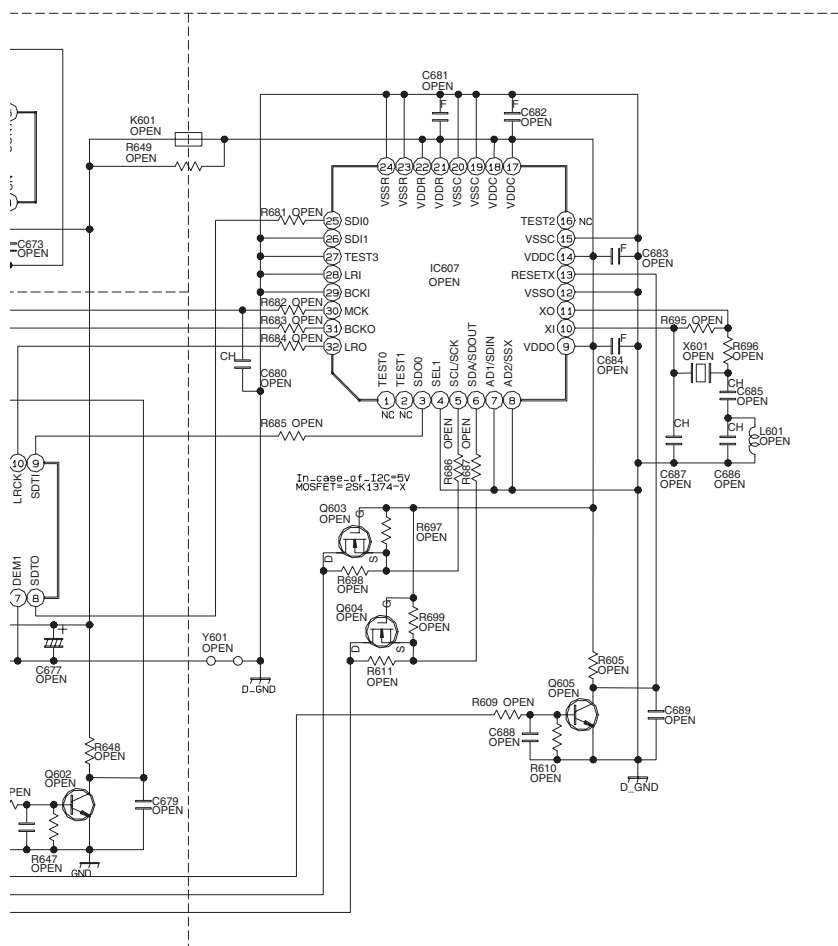




MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)
IC201		36	4.5
1	0.3	37	0
2	0.1	38	4.5
3	0	39	4.5
4	0	40	4.5
5	0	41	4.5
6	0	42	0
7	6.2	43	4.5
8	0	44	4.5
9	4.8	45	0
10	0	46	4.5
11	8.8	47	8.9
12	1.3	48	4.7
13	0	49	0
14	0	50	4.7
15	0	51	0
16	0	52	4.7
17	0	53	0
18	0	54	4.4
19	0.5	55	4.4
20	0	56	0
21	4.9	57	4.6
22	4.9	58	0
23	0	59	4.7
24	2.1	60	0
25	1.2	61	4.7
26	2.1	62	0.4
27	0	63	4.4
28	2.4	64	4.5
29	0.1	65	0
30	0.5	66	4.6
IC202		67	4.7
1	0.5	68	4.6
2	0.5	69	0
3	0	70	4.4
4	0.2	71	4.3
5	0	72	0
IC301		73	4.8
1	4.8	74	4.7
2	4.9	75	4.6
3	4.9	76	4.6
4	0	77	0
5	4.7	78	4.4
6	0	79	4.5
7	4.6	80	0
8	4.7	Q301	
9	4.7	E	0
10	0.4	C	2.9
11	4.5	B	4.5
12	4.4	Q302	
13	0	E	0
14	4.6	C	2.9
15	0	B	4.5
16	4.7	Q303	
17	4.7	E	0
18	4.7	C	2.9
19	0	B	4.5
20	4.5	Q304	
21	4.4	E	0
22	0	C	2.9
23	4.4	B	4.5
24	4.5	Q305	
25	0	E	0
26	4.4	C	2.9
27	4.4	B	4.5
28	0	Q306	
29	0	E	0
30	4.4	C	2.9
31	9	B	4.5
32	4.5	Q307	
33	4.5	E	2.9
34	0	C	0
35	4.5	B	2.3

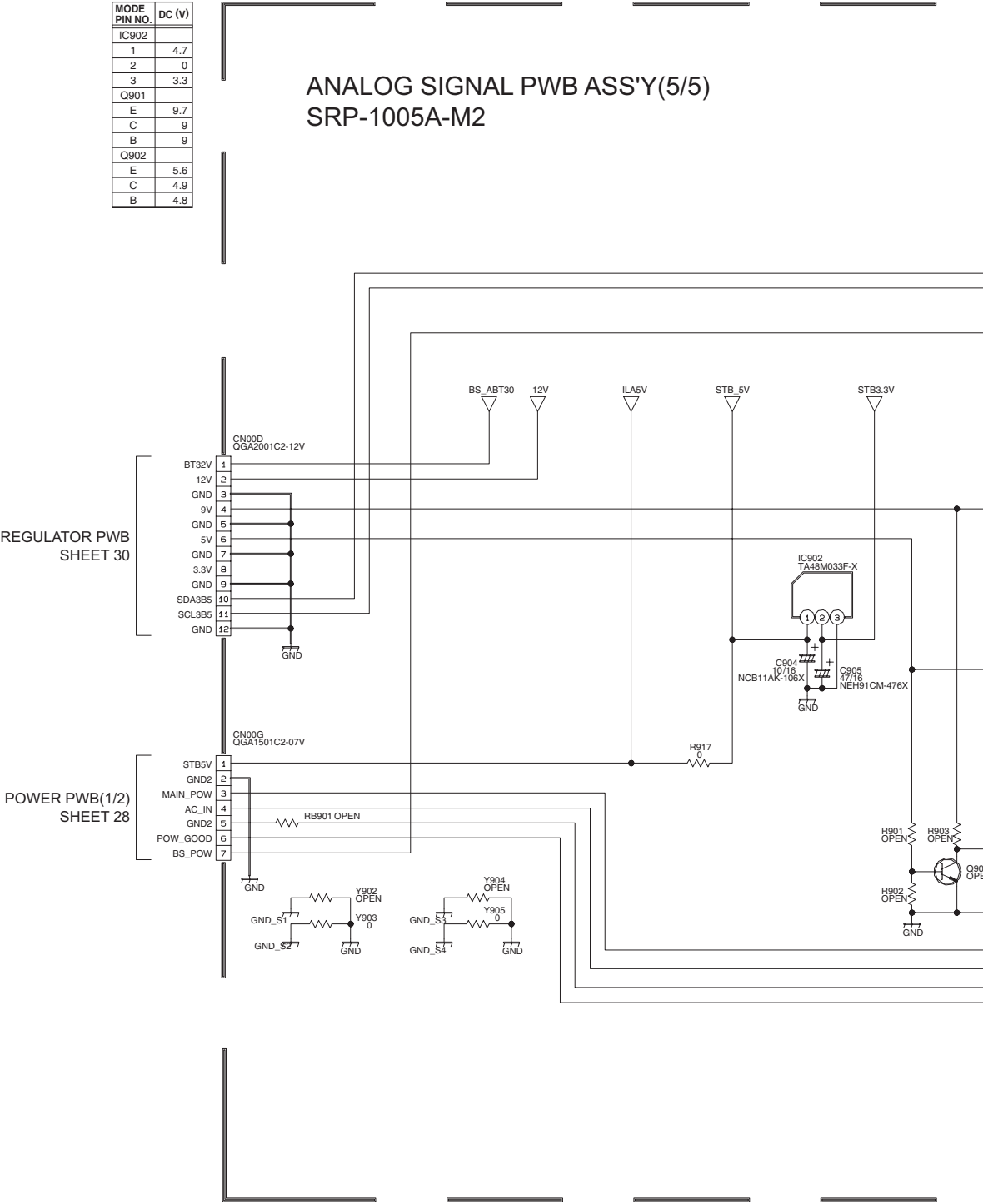


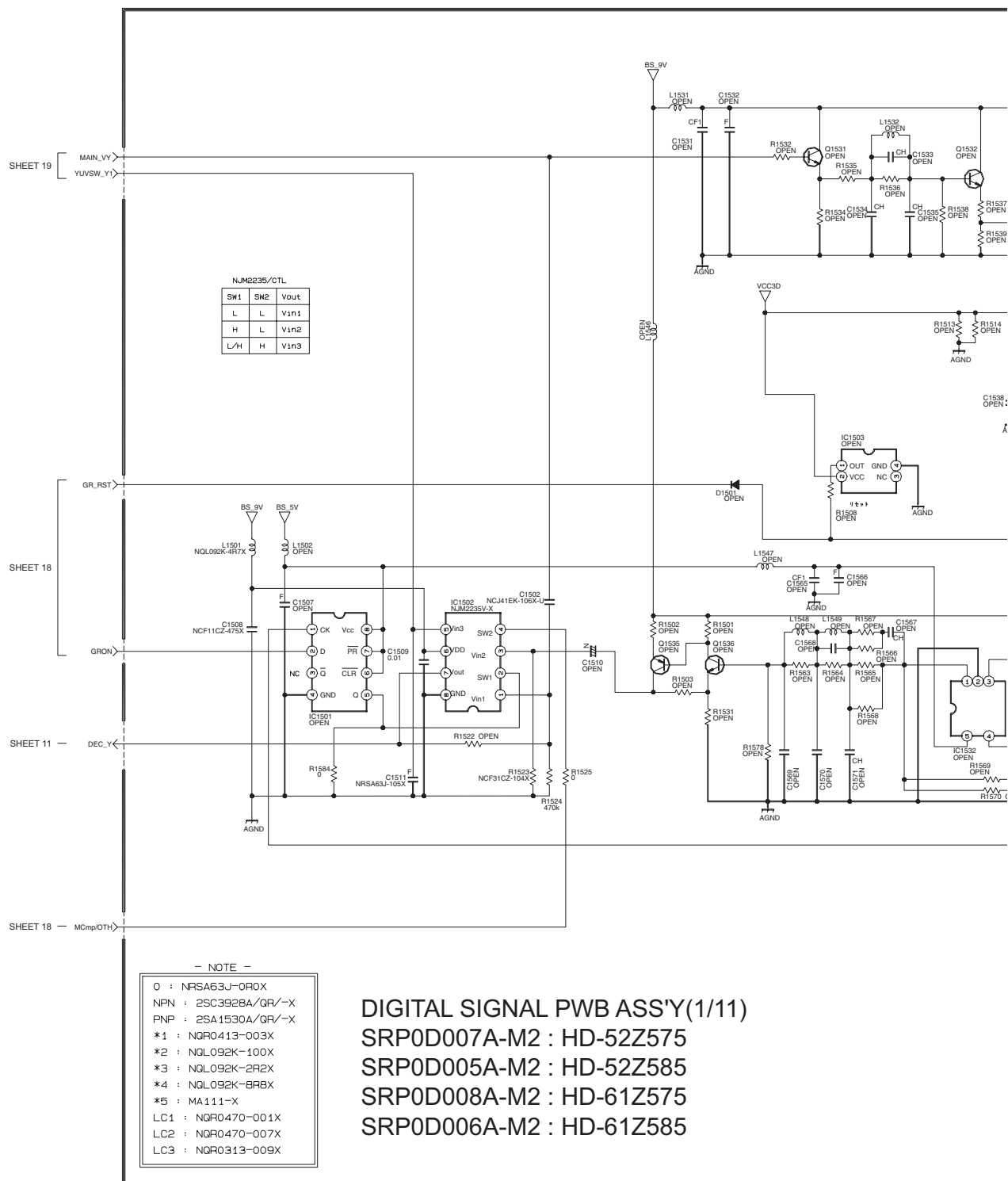


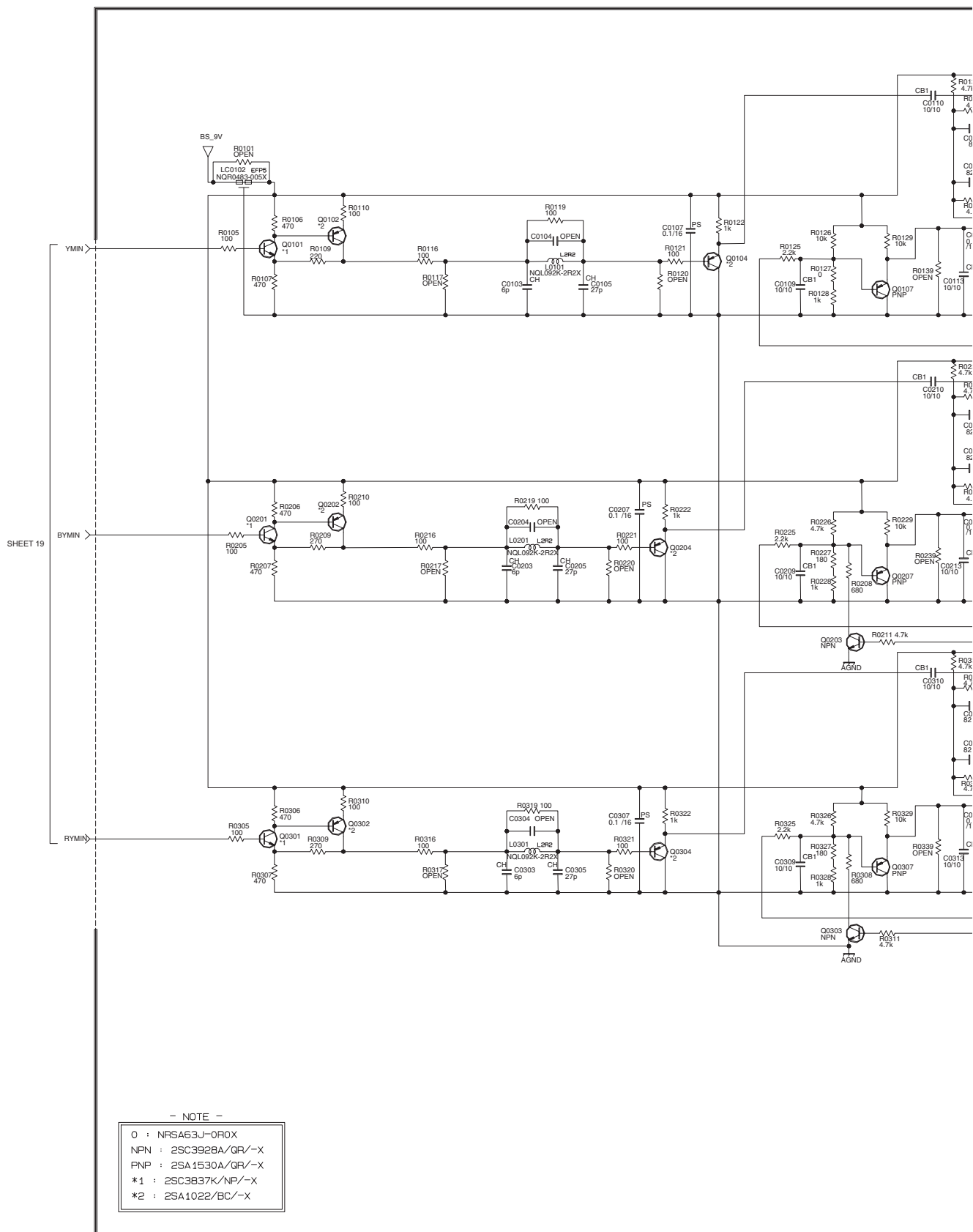


- NOTE -

0 : NRSA63-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X

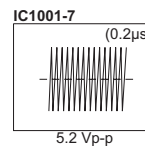
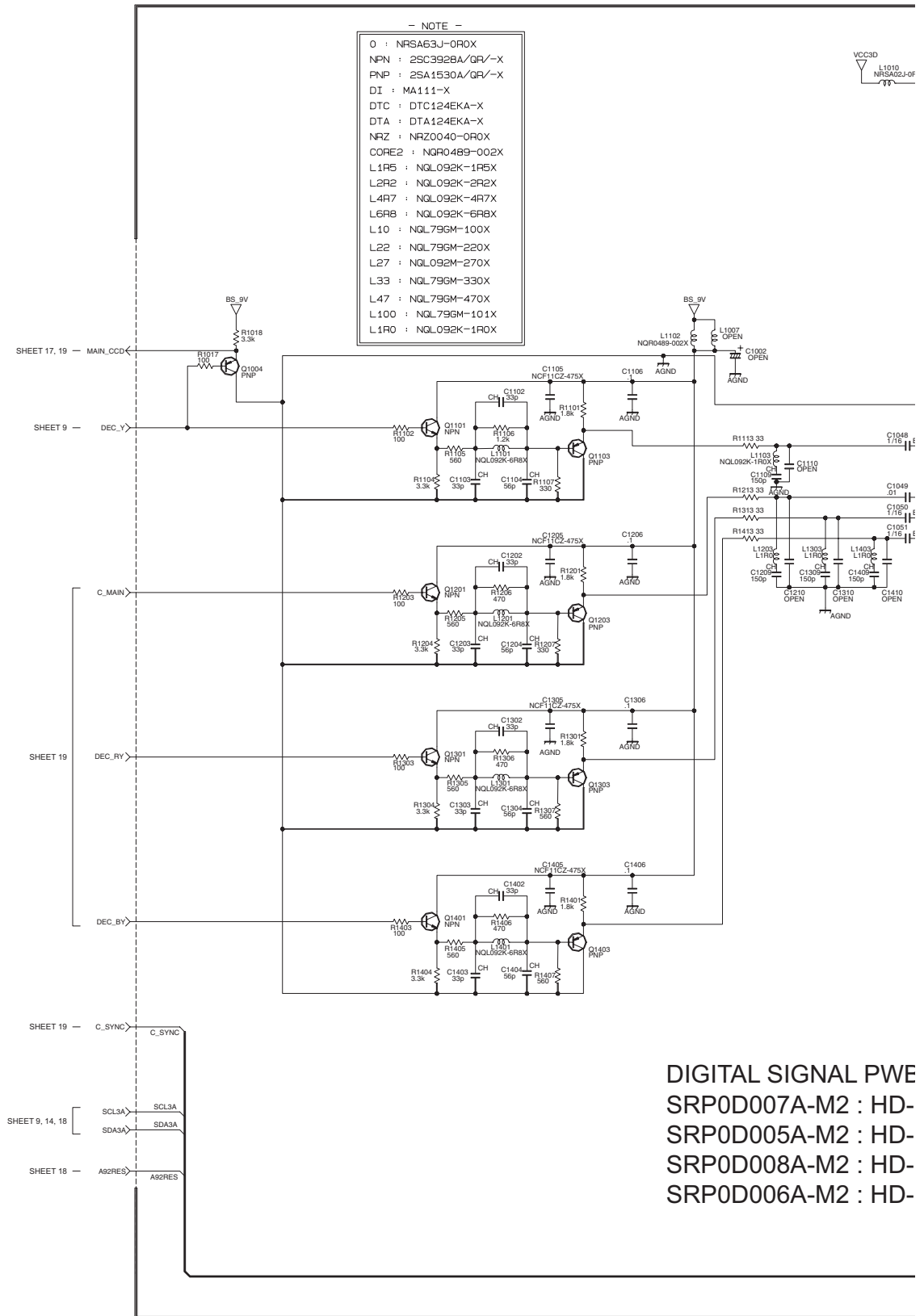


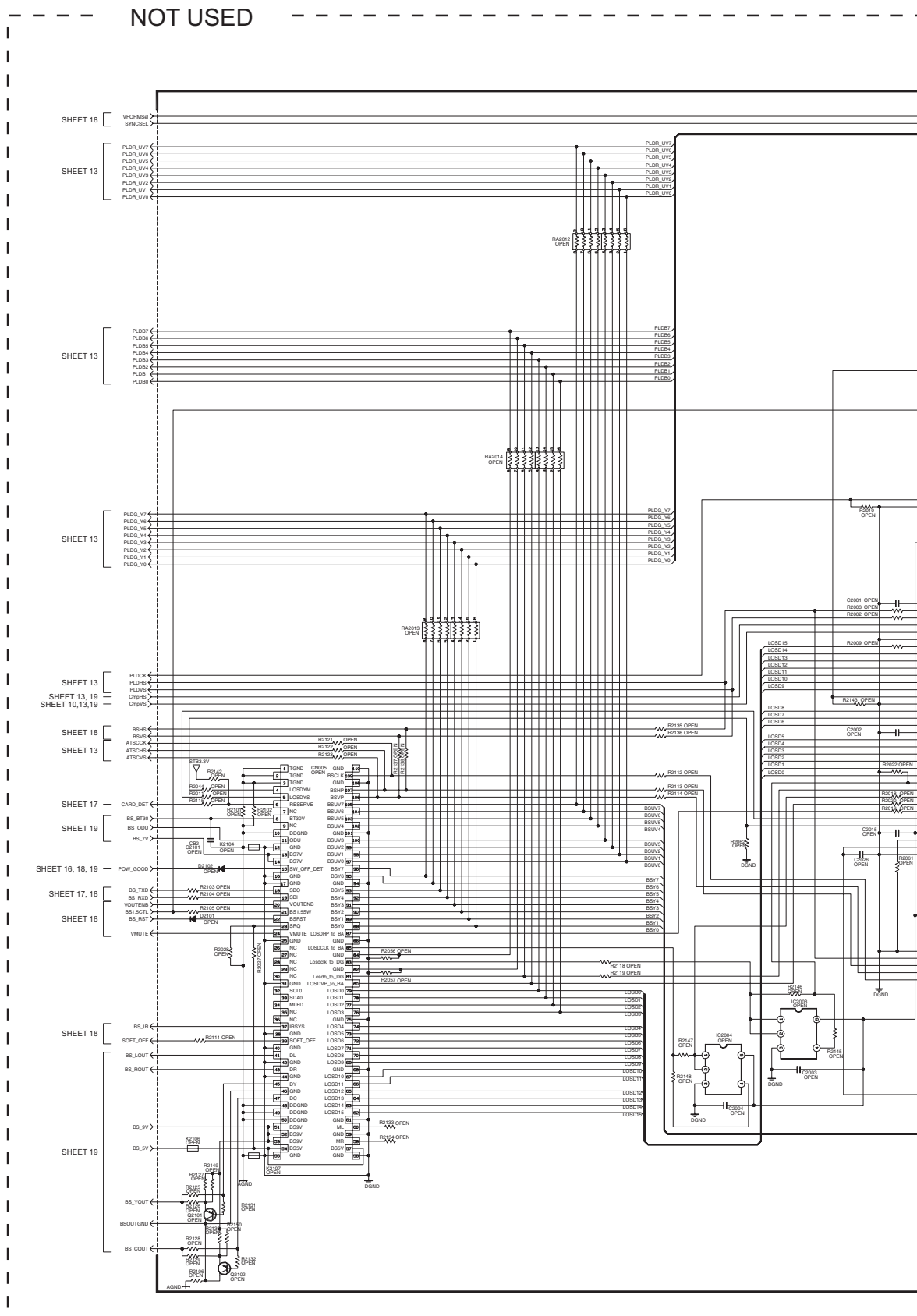




DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (3/11) SHEET 11

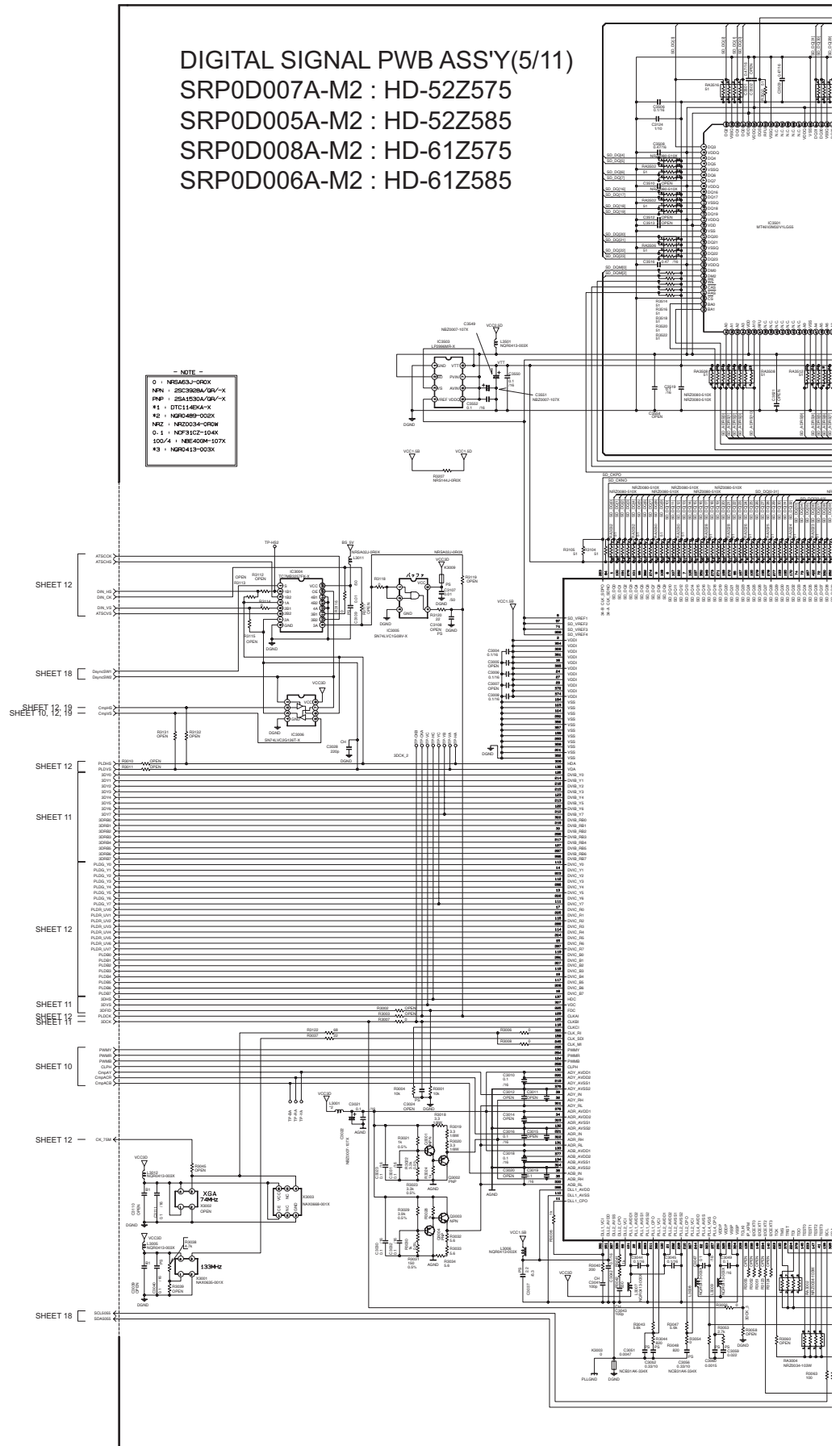
MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)
IC1001		73	0
1	2.5	74	2.3
2	1.3	75	0.2
3	1.3	76	0
4	0	77	1.7
5	3.3	78	1.5
6	1.7	79	0
7	1.6	80	1
8	0	81	0.9
9	0	82	1.7
10	1.5	83	1.2
11	0	84	0
12	0	85	1.1
13	0	86	2.4
14	0	87	0.7
15	0	88	0.8
16	0	89	1.7
17	1.5	90	1.2
18	0	91	2.4
19	0	92	1.2
20	0	93	0
21	1.5	94	1.2
22	0	95	0.7
23	0	96	2.8
24	3.3	97	1.9
25	0	98	0
26	0	99	1.1
27	0	100	1.5
28	0	Q1001	
29	0	E	0
30	3.3	C	3.3
31	3.3	B	0
32	3.3	Q1003	
33	0	E	1.2
34	0	C	2.4
35	0	B	1.9
36	1.4	Q1004	
37	0	E	4.2
38	0	C	0
39	0	B	3.8
40	0	Q1101	
41	0	E	3.1
42	3.3	C	9
43	0.9	B	3.7
44	0.9	Q1103	
45	0	E	1.8
46	1	C	0
47	1.8	B	1.2
48	0.9	Q1201	
49	1	E	3.7
50	0	C	9
51	1.6	B	4.4
52	0	Q1203	
53	2.5	E	2
54	1.3	C	0
55	1.3	B	1.3
56	0	Q1301	
57	0	E	3.9
58	1.5	C	9
59	1.5	B	4.5
60	0	Q1303	
61	0	E	2.5
62	0	C	0
63	0.9	B	2
64	3.3	Q1401	
65	1	E	3.9
66	1	C	9
67	0	B	4.5
68	0.9	Q1403	
69	0.9	E	2.6
70	1.5	C	0
71	0.9	B	2
72	0.9		





DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (5/11) SHEET 13

MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)
IC3403		92	0	88	0
1	0	93	0	89	0
2	3.3	94	0	90	0
3	0	95	0	91	0
4	3.3	96	0	92	0
IC3501		97	1.1	93	0
1	1.2	98	0	94	1.2
2	2.5	99	0	95	2.5
3	1.2	100	1.2	96	2.5
4	1.2	IC3502		97	1.2
5	0	1	1.2	98	1.2
6	1.2	2	2.5	99	0
7	1.2	3	1.2	100	0
8	2.4	4	1.2	IC3503	
9	1.2	5	0	1	0
10	1.2	6	0	2	2.5
11	0	7	0	3	1.2
12	1.2	8	2.5	4	1.2
13	1.2	9	1.2	5	2.5
14	2.5	10	0	6	2.5
15	2.5	11	0.1	7	2.5
16	0	12	0	8	1.2
17	1.2	13	1.2	Q3001	
18	1.2	14	2.5	E	2.2
19	0	15	2.5	C	3.3
20	1.2	16	0	B	2.9
21	1.2	17	0	Q3002	
22	2.5	18	1.2	E	2.9
23	0.4	19	0	C	0
24	0.4	20	1.2	B	2.1
25	1.7	21	1.2	Q3003	
26	1.7	22	2.4	E	0.6
27	1.7	23	0	C	3.3
28	0	24	0.1	B	1.3
29	0.7	25	0	Q3004	
30	0.7	26	1.7	E	1.4
31	0.7	27	0	C	0
32	0.7	28	0.1	B	0.7
33	0.7	29	0.7		
34	0.7	30	0.7		
35	2.5	31	0.7		
36	0.7	32	0.5		
37	0	33	0.6		
38	0	34	0.7		
39	0	35	2.5		
40	0	36	0		
41	0	37	0		
42	0	38	0		
43	0	39	0		
44	0	40	0		
45	0.7	41	0		
46	0	42	0		
47	0.7	43	0		
48	0.7	44	0		
49	0.7	45	0		
50	0.6	46	0		
51	0.7	47	0.7		
52	0	48	0		
53	1.8	49	0.7		
54	1.3	50	0.7		
55	1.1	51	0.7		
56	0.2	52	0		
57	0.4	53	1.7		
58	1.2	54	0		
59	2.5	55	1.2		
60	1.2	56	0.3		
61	1.2	57	0.3		
62	0	58	1.2		
63	1.2	59	0		
64	1.2	60	1.2		
65	2.4	61	1.2		
66	0	62	0		
67	2.5	63	0.2		
68	1.2	64	0		
69	1.2	65	2.5		
70	0	66	0		
71	1.2	67	2.5		
72	1.2	68	1.2		
73	2.5	69	1.2		
74	1.2	70	0		
75	1.2	71	0		
76	0	72	0.1		
77	0	73	0.1		
78	1.2	74	1.2		
79	2.5	75	0		
80	1.2	76	0		
81	1.2	77	1.2		
82	0	78	1.2		
83	1.2	79	0		
84	1.2	80	1.2		
85	0	81	0.7		
86	2.5	82	0		
87	0	83	0		
88	0	84	1.2		
89	0	85	0		
90	0	86	2.5		
91	0	87	0		



SHEET 12, 13

SHEET 12, 17, 18, 19

SHEET 12, 18

SHEET 17, 19

SHEET 12, 17, 19

SHEET 12, 17

SHEET 12, 17, 19

SHEET 12, 19

SHEET 12

SHEET 12, 17, 19

SHEET 12, 19

SHEET 12

SHEET 12, 17, 19

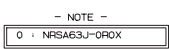
SHEET 12, 19

SHEET 12

SHEET 13

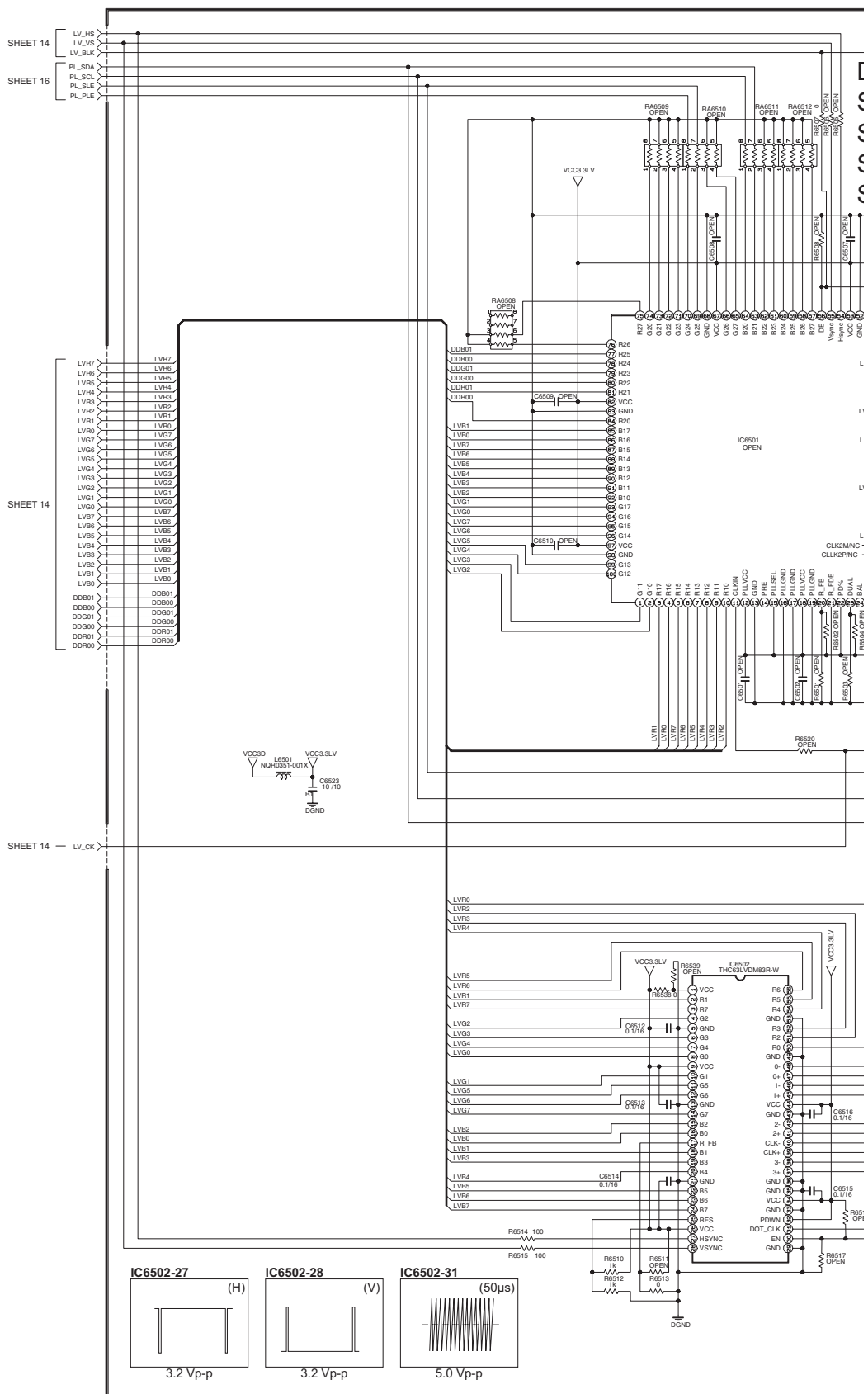
SHEET 13

SHEET 13, 19



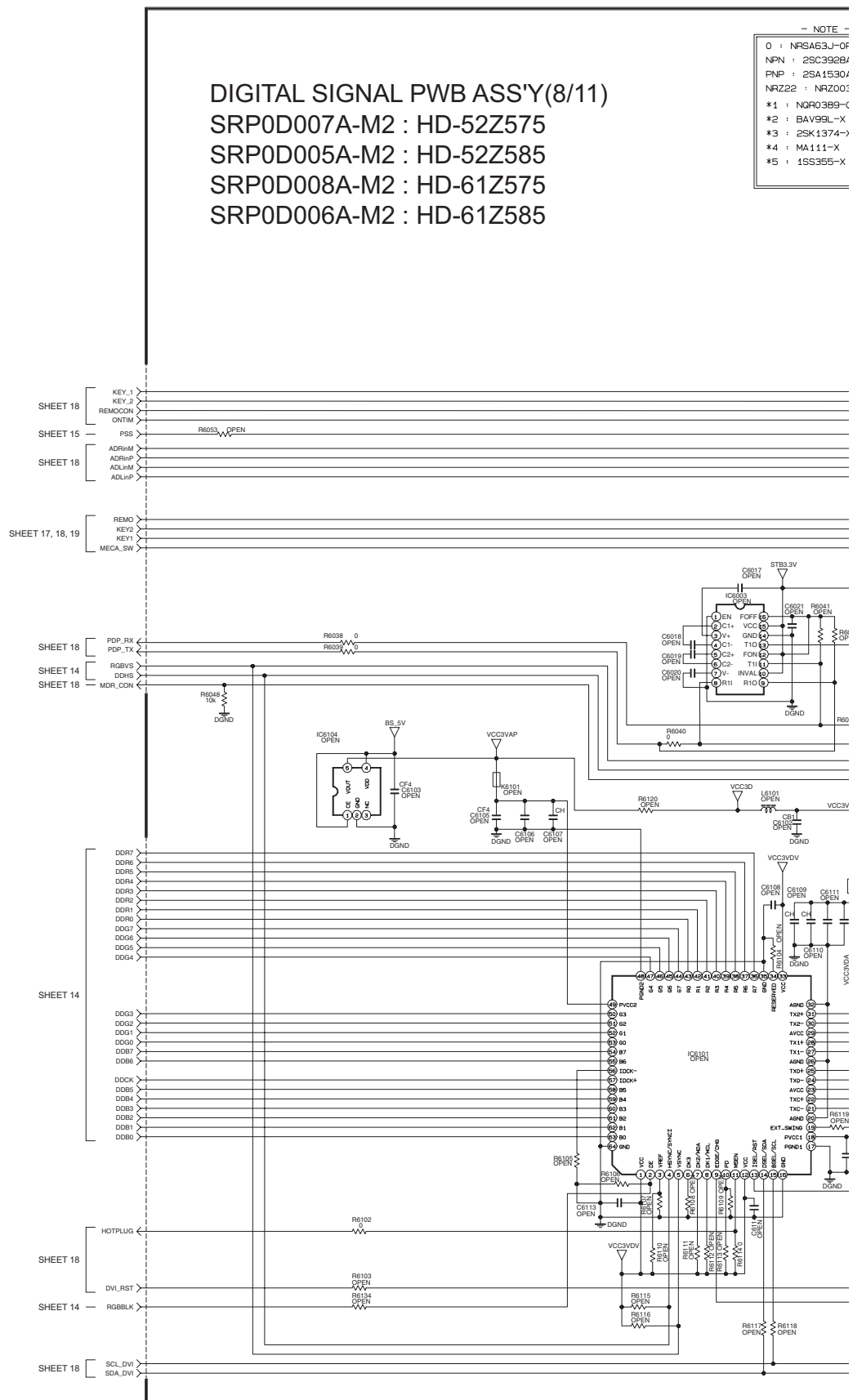
2-37(No.YA092)

MODE PIN NO.	DC (V)
IC6502	
1	3.3
2	0
3	0.6
4	0.4
5	0
6	0.5
7	0.5
8	1.1
9	3.3
10	1
11	0.5
12	0.5
13	0
14	0
15	0.7
16	0.6
17	0
18	1
19	0.8
20	0.6
21	0
22	0.7
23	0.6
24	0.1
25	1.7
26	0.1
27	3.3
28	0
29	0
30	3.3
31	0.6
32	3.3
33	0
34	3.3
35	0
36	0
37	1.2
38	1.3
39	1.2
40	1.2
41	1.2
42	1.3
43	0
44	3.3
45	0
46	1.4
47	1.4
48	0
49	0
50	0
51	0.7
52	0.7
53	0
54	0.6
55	0.7
56	0.6
CN0LV2	
1	0
2	0
3	1.3
4	1.2
5	0
6	0
7	1.3
8	1
9	0.1
10	0
11	1.3
12	1.2
13	0
14	0
15	0
16	1.3
17	0
18	0
19	1.3
20	0
21	0
22	3.2
23	0
24	0
25	0
26	0
27	3
28	0
29	3
30	0
31	0

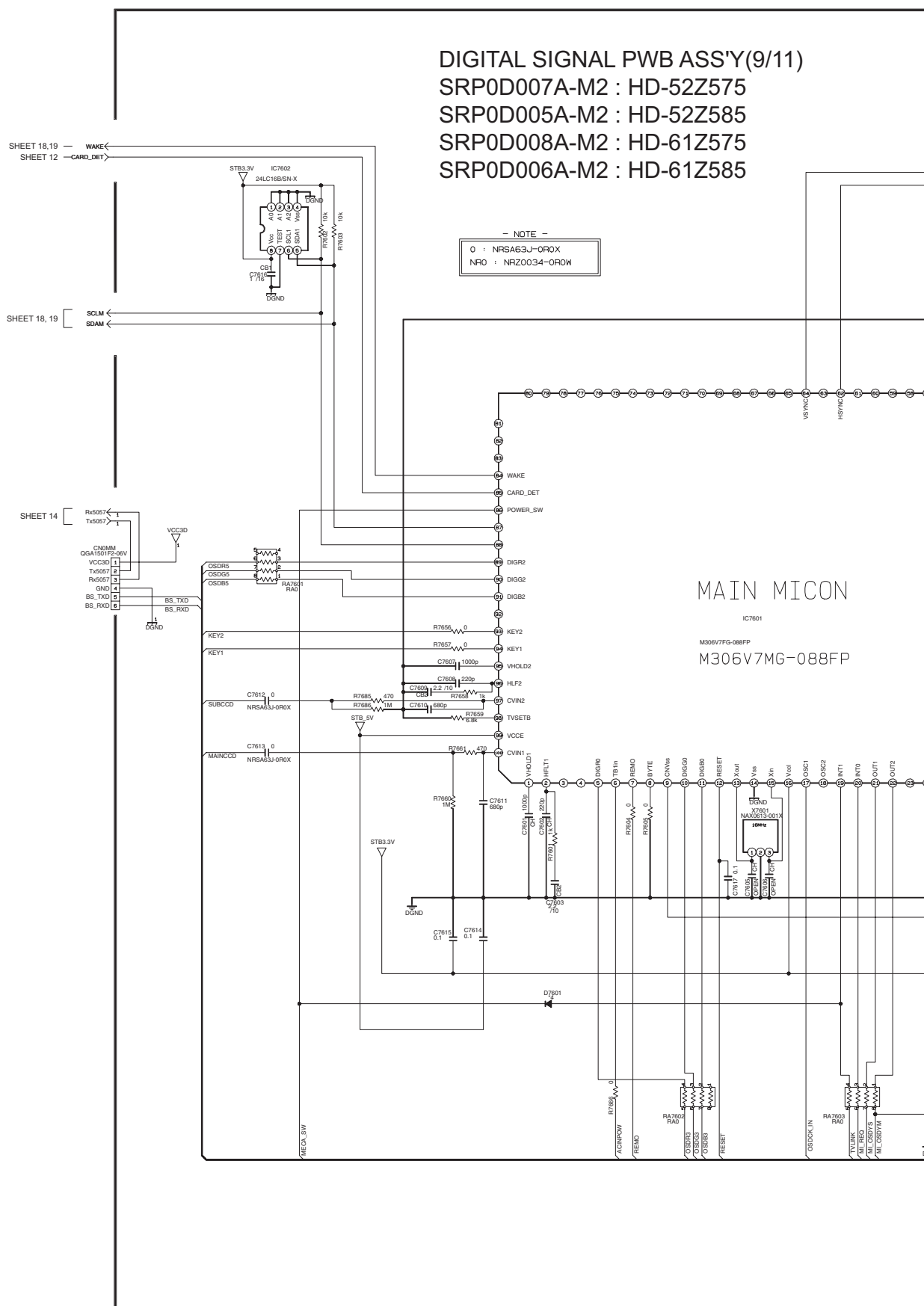


SRP0D006A-M2 : HD-61Z585





MODE	DC (v)
IC7501	
1	0
2	0
3	NC
4	NC
5	
6	2.6
7	3.6
8	0
9	0
10	
11	
12	3.3
13	1.8
14	0
15	1
16	3.3
17	2.8
18	NC
19	0
20	3.3
21	3.3
22	3.2
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	3.3
30	3.3
31	NC
32	NC
33	-
34	-
35	3.3
36	3.3
37	0
38	NC
39	NC
40	NC
41	0
42	NC
43	NC
44	NC
45	NC
46	0
47	3.3
48	3.3
49	0
50	NC
51	NC
52	NC
53	NC
54	NC
55	NC
56	NC
57	NC
58	NC
59	NC
60	NC
61	NC
62	NC
63	NC
64	NC
65	NC
66	NC
67	NC
68	NC
69	NC
70	NC
71	NC
72	NC
73	NC
74	NC
75	NC
76	NC
77	NC
78	NC
79	NC
80	NC
81	NC
82	NC
84	0
85	NC
86	0.2
87	3.3
88	3.2
89	-
90	-
91	NC
92	NC
93	3.3
94	0.4
95	0
96	0
97	4.2
98	NC
99	4.8
100	4.8
IC7502	
1	0
2	0
3	0
4	0
5	3.3
6	3.2
7	0
8	3.3
IC7503	
1	NC
2	0
3	0
4	0
5	3.3
IC7507	
1	NC
2	4.2
3	4.8
4	4.7
5	0
6	4.8
IC7508	
1	NC
2	4.8
3	4.8
4	8.4
5	0
6	4.8



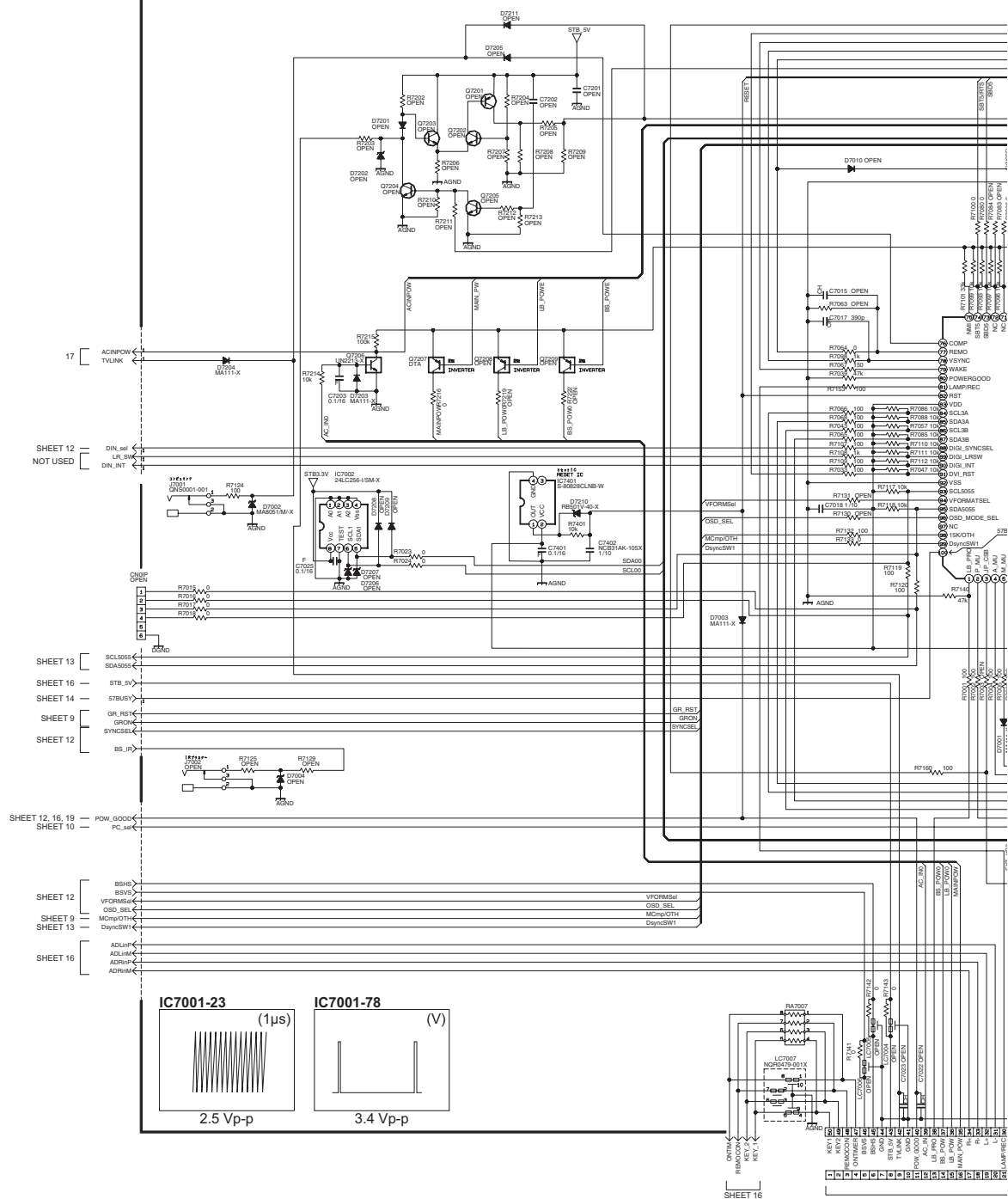
DIGITAL SIGNAL PWB ASS'Y(10/11)

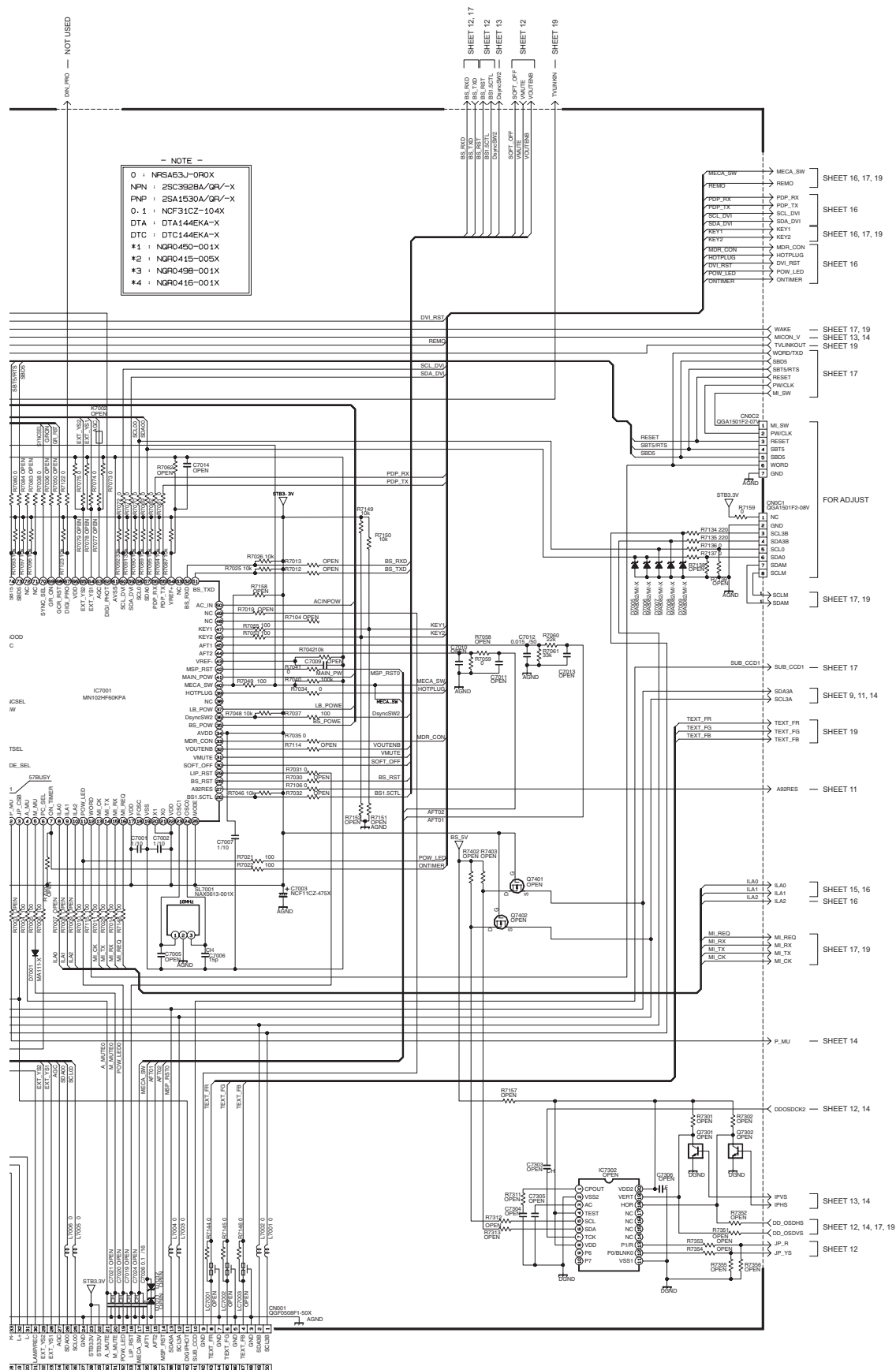
SRP0D007A-M2 : HD-52Z575

SRP0D005A-M2 : HD-52Z585

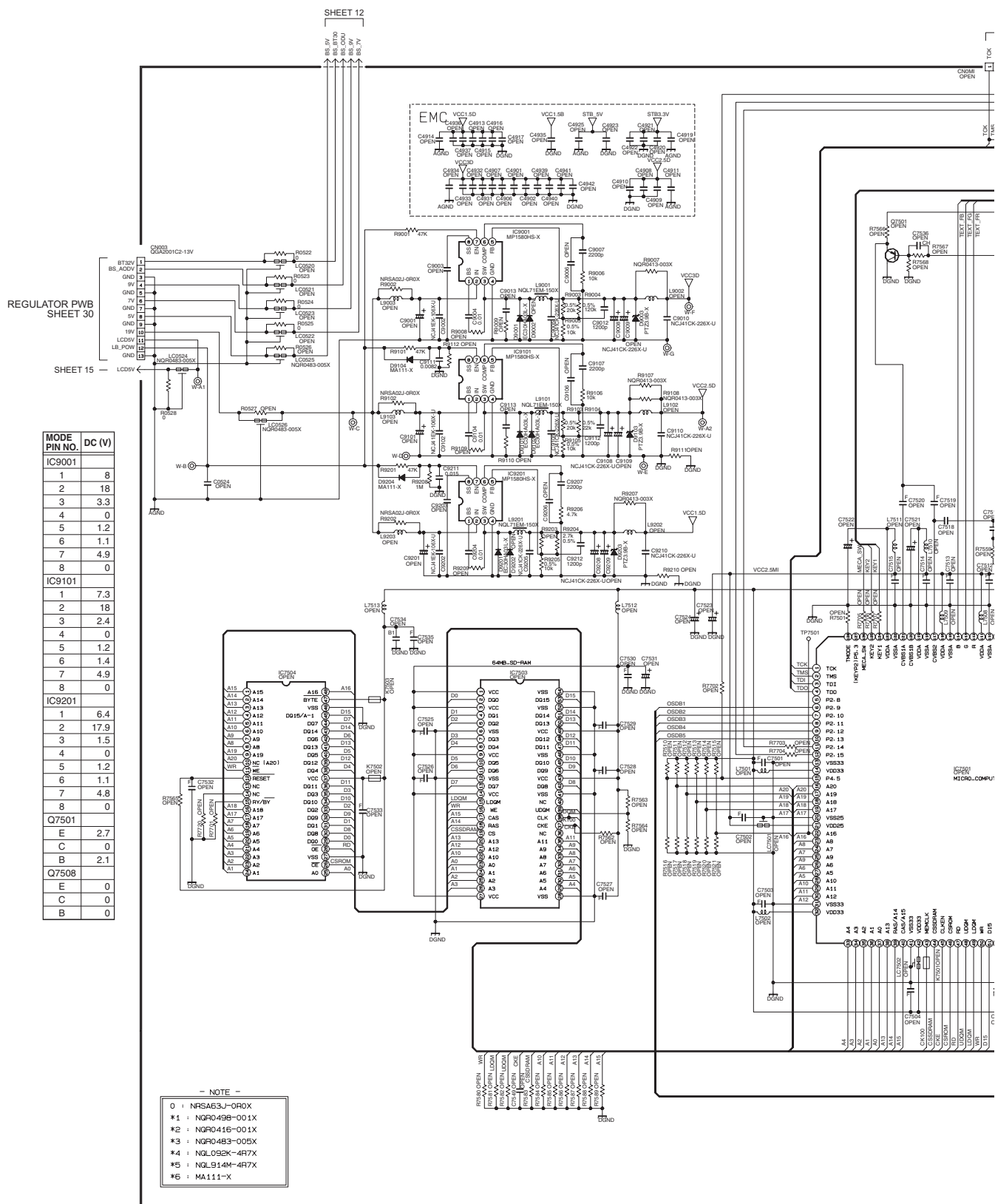
SRP0D008A-M2 : HD-61Z575

SRP0D006A-M2 : HD-61Z585

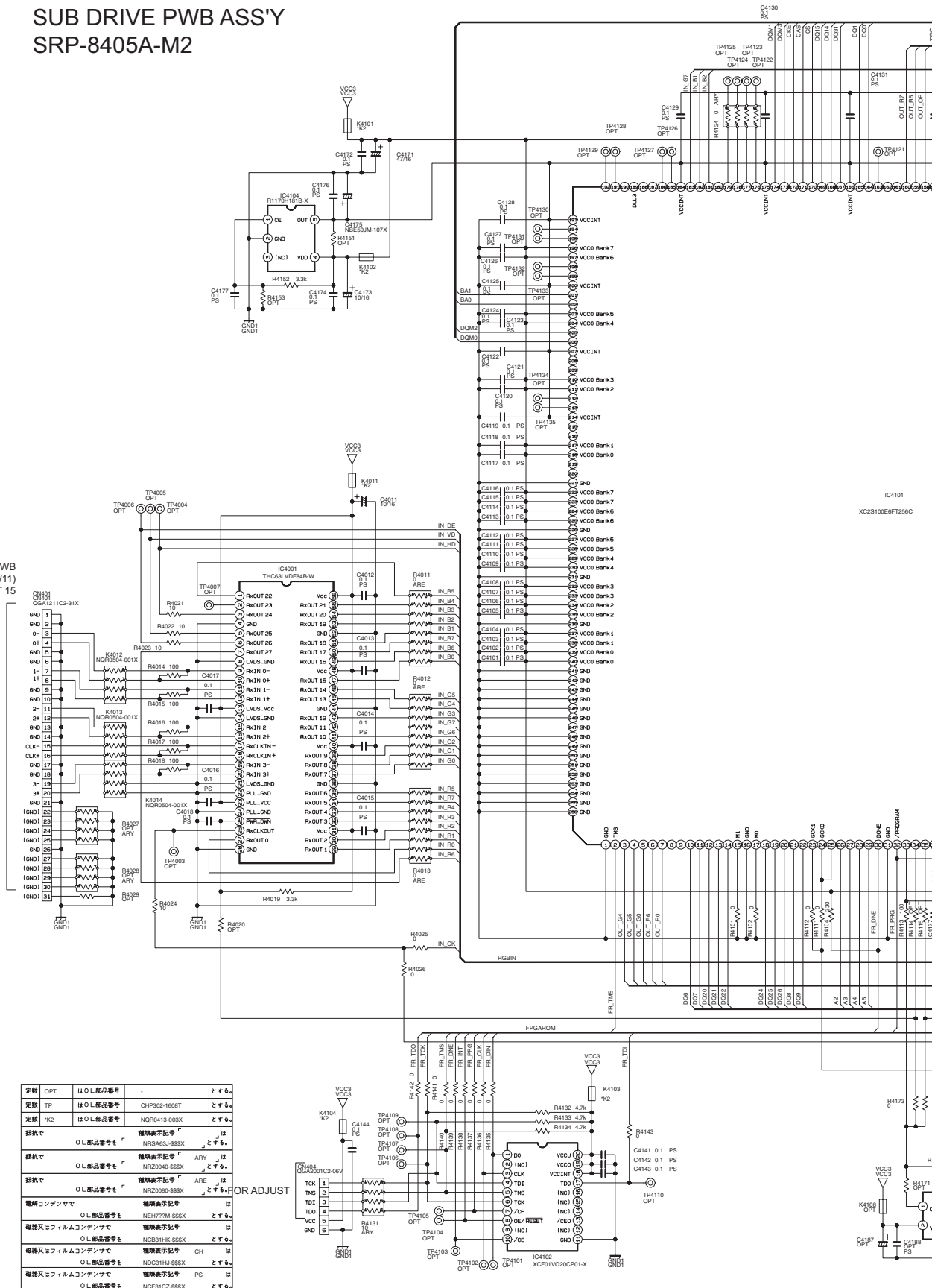




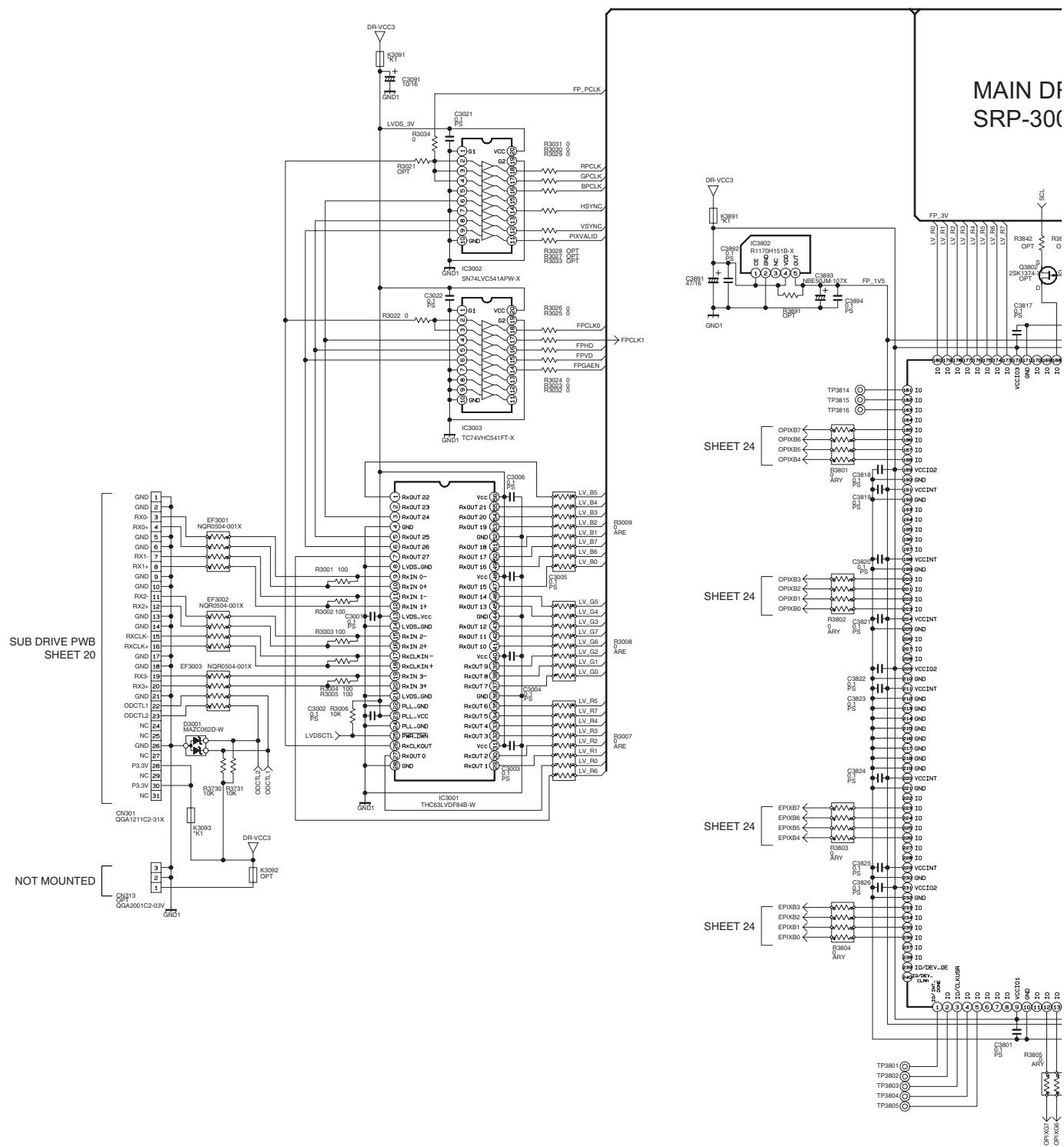
MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)
IC7001		72	0
1	3.3	73	3.3
2	0	74	3.3
3	3.3	75	3.2
4	0	76	3.3
5	0	77	3.6
6	0	78	0
7	0	79	3.2
8	3.3	80	0
9	3.3	81	3.3
10	0	82	3.3
11	3.3	83	0
12	3.3	84	3.3
13	0	85	3.3
14	3.3	86	3.3
15	3.3	87	3.3
16	3.3	88	0
17	3.3	89	0
18	0	90	3.3
19	0	91	0
20	3.3	92	0
21	3.3	93	3.3
22	3.3	94	0
23	1.6	95	3.3
24	1.4	96	3.2
25	3.3	97	0
26	0	98	0
27	0	99	3.3
28	0	100	3.3
29	0	IC7002	
30	0	1	0
31	0	2	0
32	3.3	3	0
33	0	4	0
34	3.3	5	3
35	0.5	6	3.1
36	3.3	7	0
37	0	8	3.3
38	0	IC7401	
39	0.3	1	3.3
40	0.2	2	3.3
41	0	3	0
42	0	4	0
43	0	Q7201	
44	0	E	4.8
45	0	C	0.3
46	0.4	B	4.2
47	0.4	Q7202	
48	3.3	E	4
49	0	C	4.3
50	2.6	B	2.3
51	3.3	Q7203	
52	3.3	E	4
53	0.5	C	4.8
54	3.3	B	4.4
55	3.9	Q7204	
56	3.3	E	0
57	3.3	C	4.7
58	3.3	B	0
59	3.3	Q7205	
60	3.3	E	0
61	0	C	0
62	3.3	B	0
63	1.7	Q7206	
64	0	E	0
65	0	C	2.5
66	3.3	B	0.6
67	3	Q7207	
68	3.3	E	3.2
69	3.3	C	3.2
70	3.3	B	0
71	3.3		



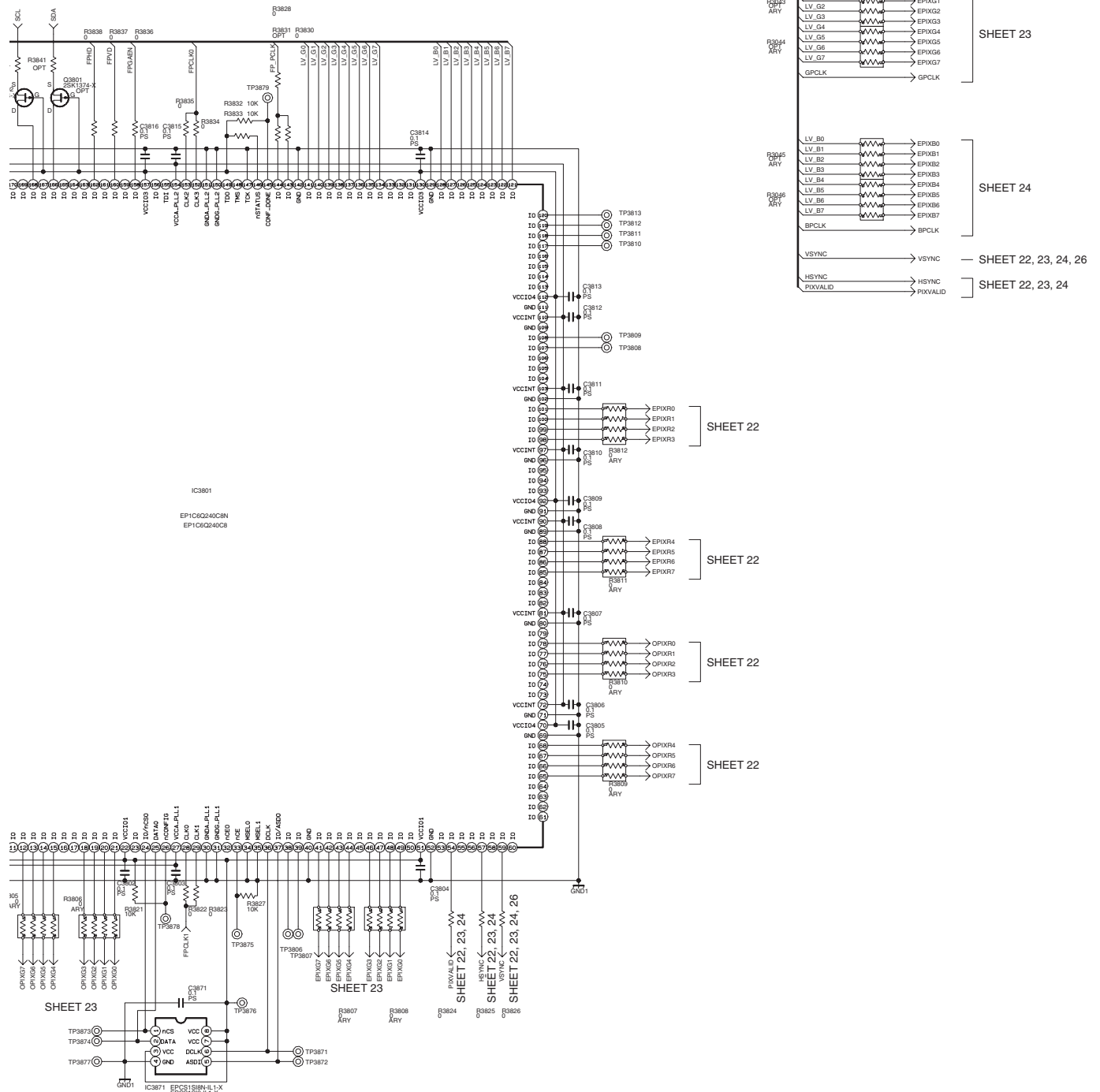
型番	OPT	は O.L 部品番号		と なる
定款	TP	は O.L 部品番号	CHP302-1608T	と なる
型番	*K2	は O.L 部品番号	NDR041-3003X	と なる
紙張で		O.L 部品番号で	複製表示記号 NR5AG31-855X	と なる
紙張で		O.L 部品番号で	複製表示記号 NR20040-855X	と なる ARY
紙張で		O.L 部品番号で	複製表示記号 NR20000-855X	と なる ARE
複写機コンピュータで		O.L 部品番号で	複製表示記号 NEH777M-855X	と なる
複写機又はファクシミリコンピュータで		O.L 部品番号で	複製表示記号 NCB311HK-855X	と なる
複写機又はファクシミリコンピュータで		O.L 部品番号で	複製表示記号 NDC311H-855X	と なる CH
複写機又はファクシミリコンピュータで		O.L 部品番号で	複製表示記号 NCP31C7-855X	と なる PS



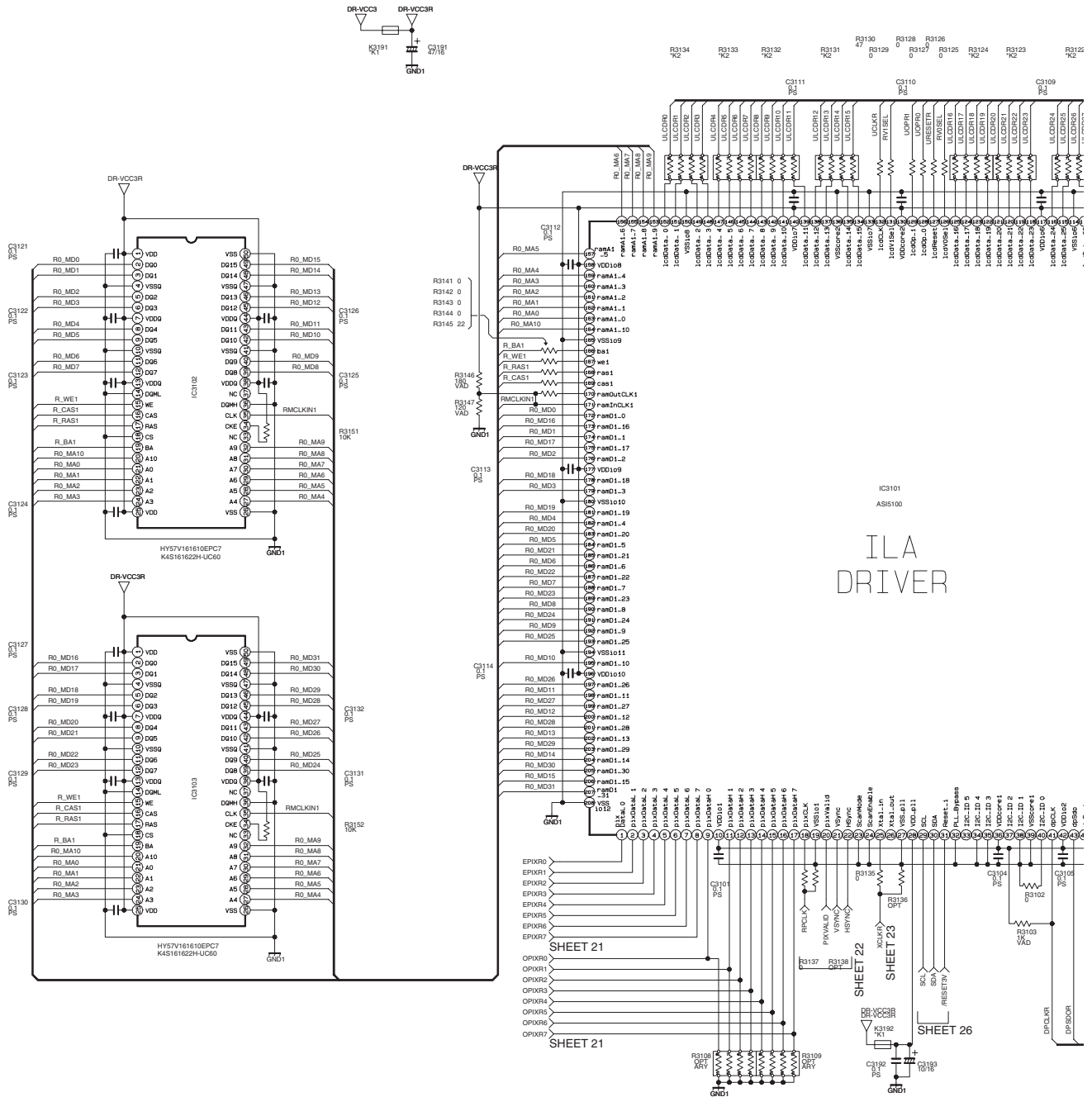
2-49(No.YA092)



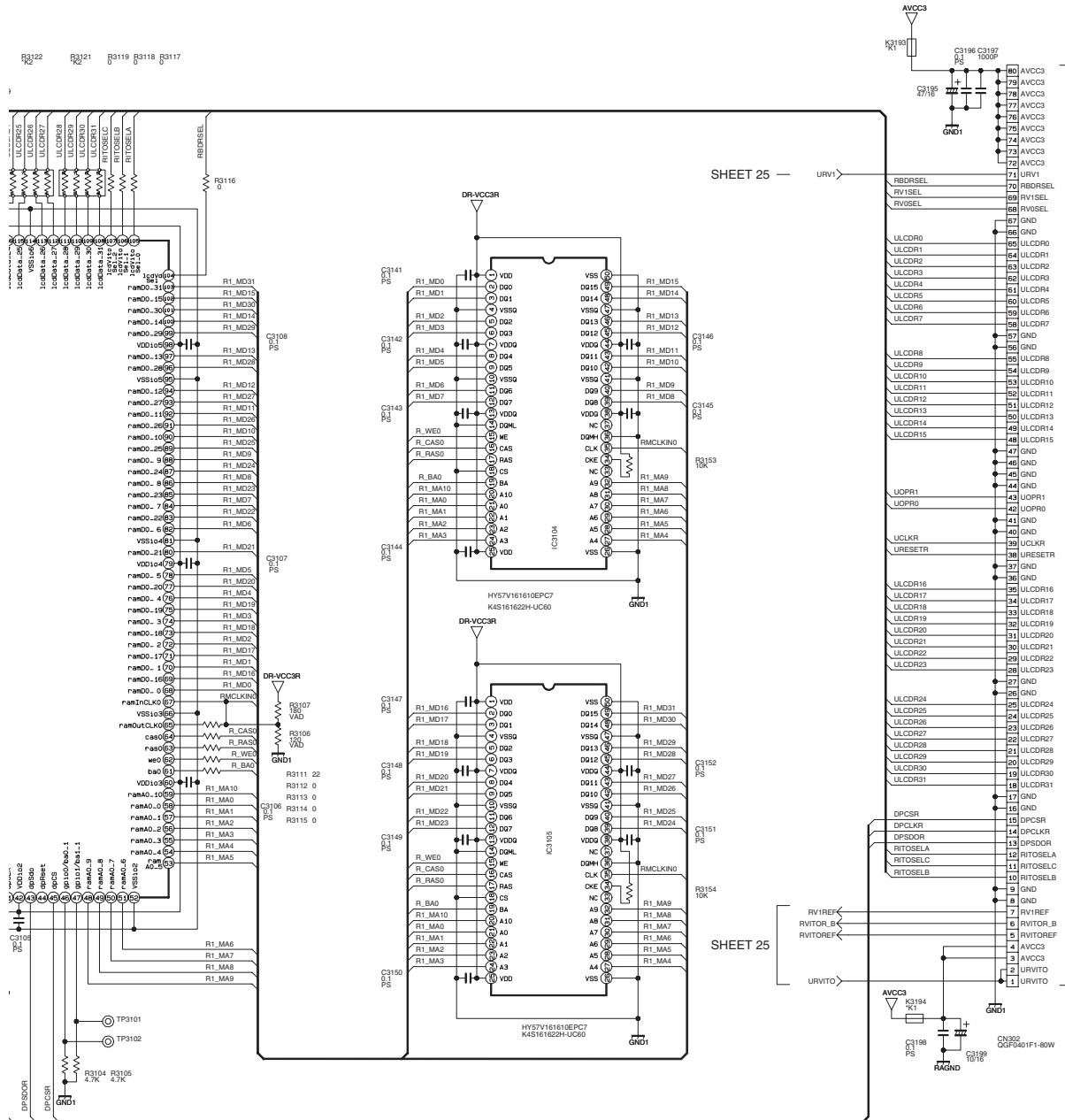
DRIVE PWB ASS'Y(1/7) 3005A-M2

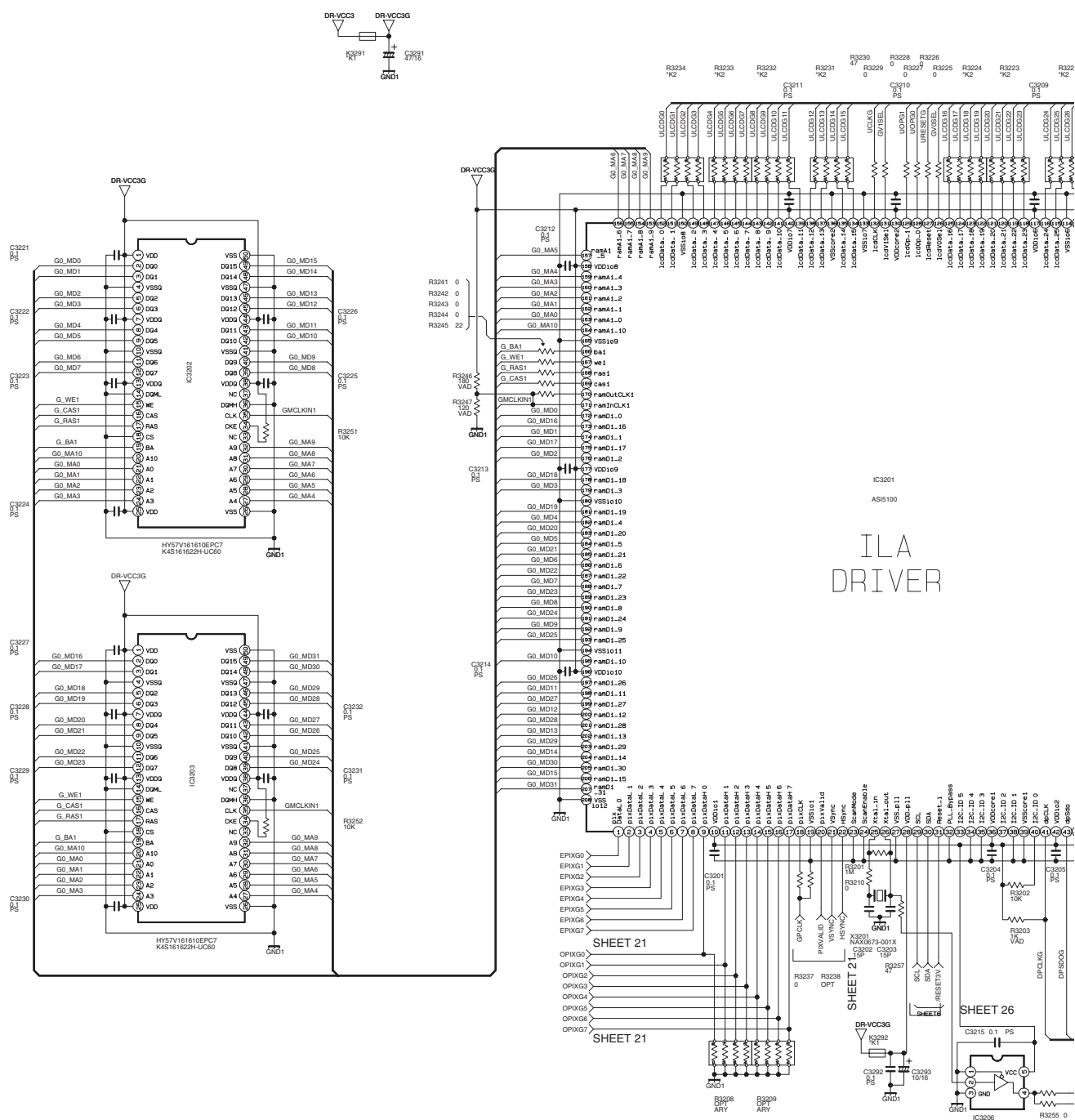


MAIN DRIVE PWB CIRCUIT DIAGRAM (2/7) SHEET 22

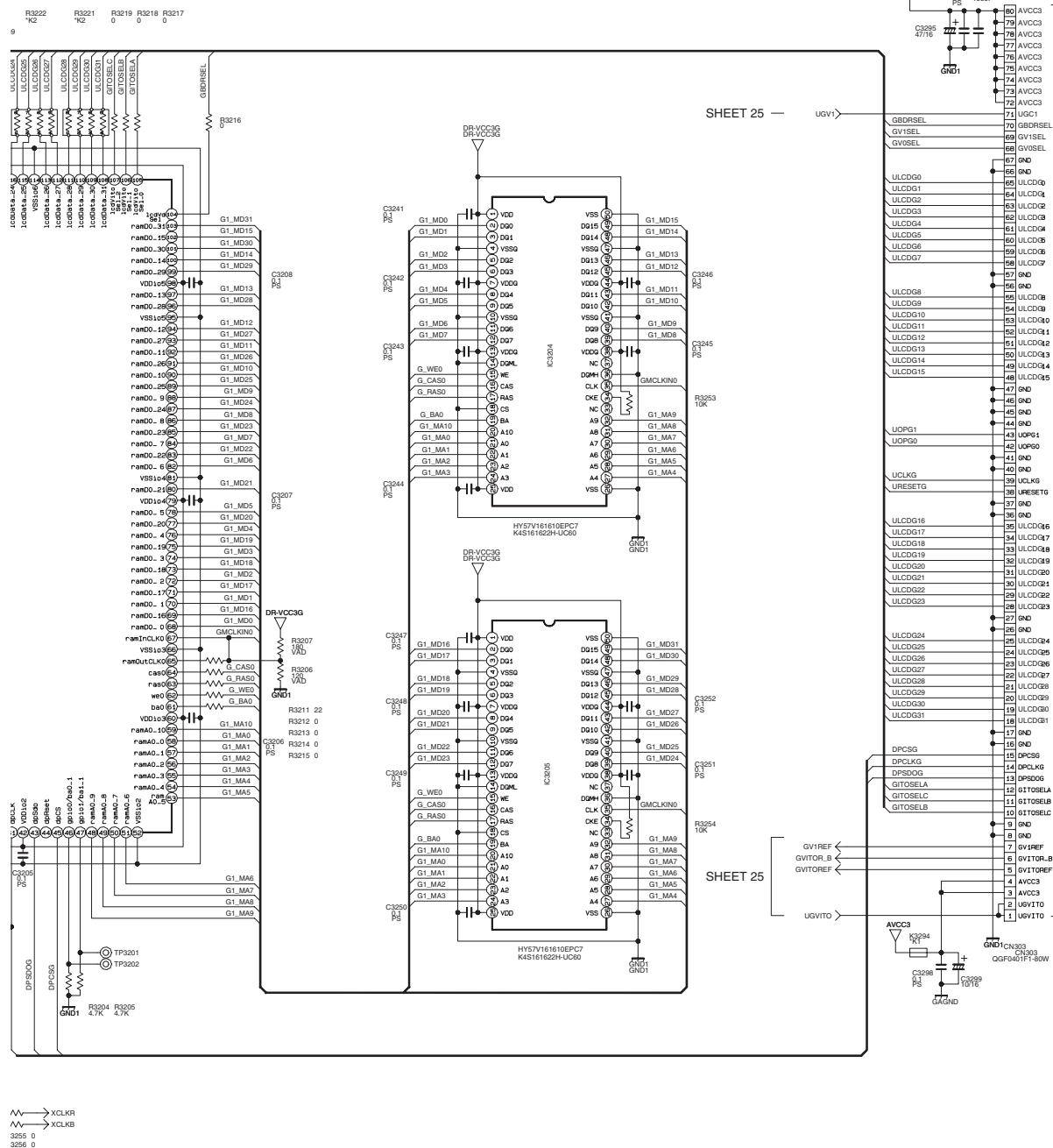


MAIN DRIVE PWB ASS'Y(2/7)
SRP-3005A-M2

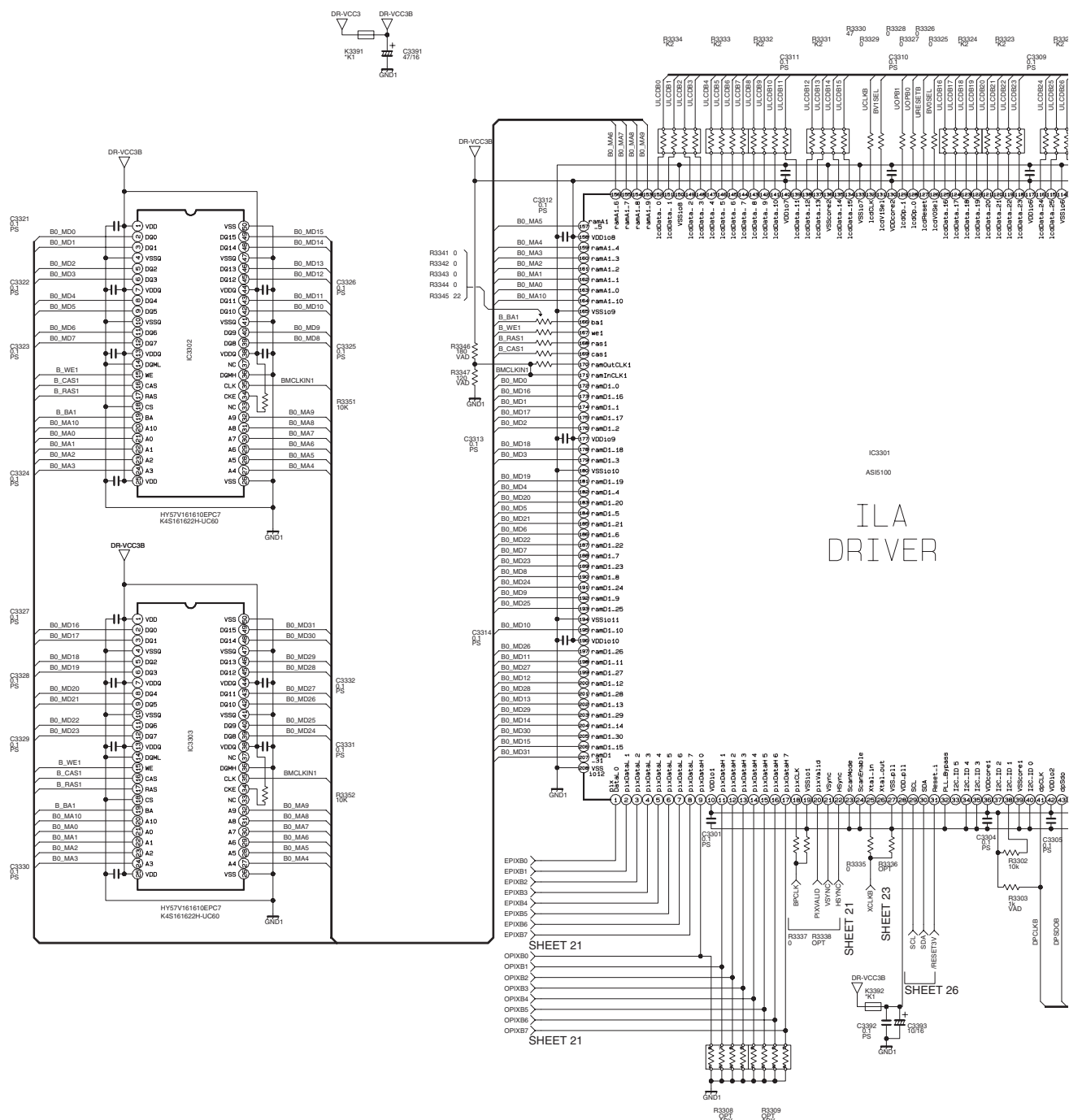




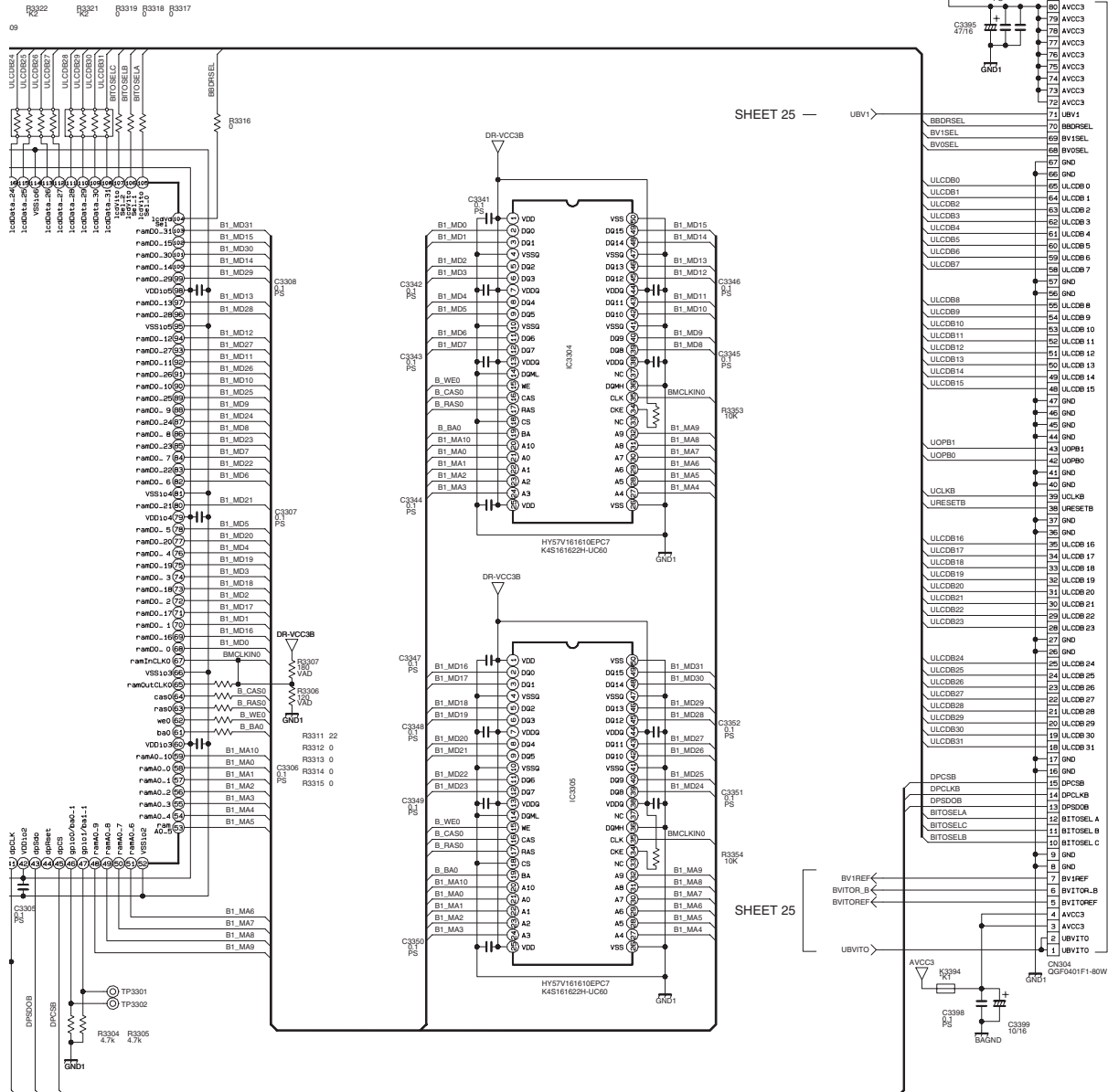
MAIN DRIVE PWB ASS'Y(3/7)
SRP-3005A-M2



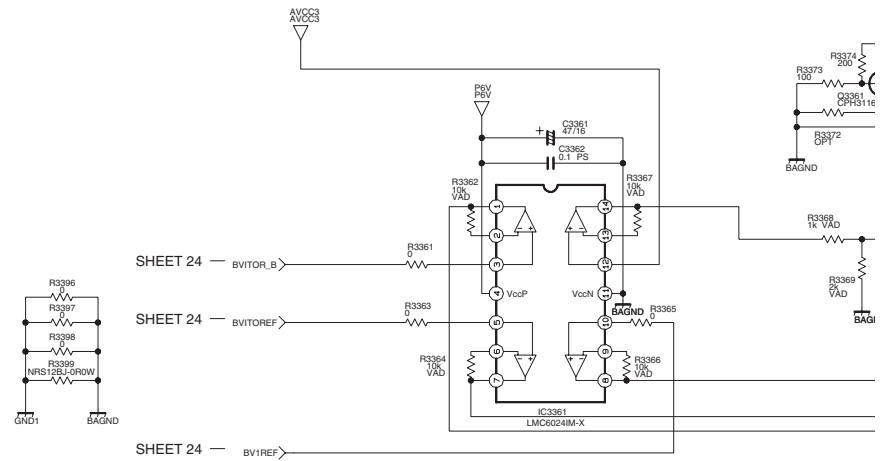
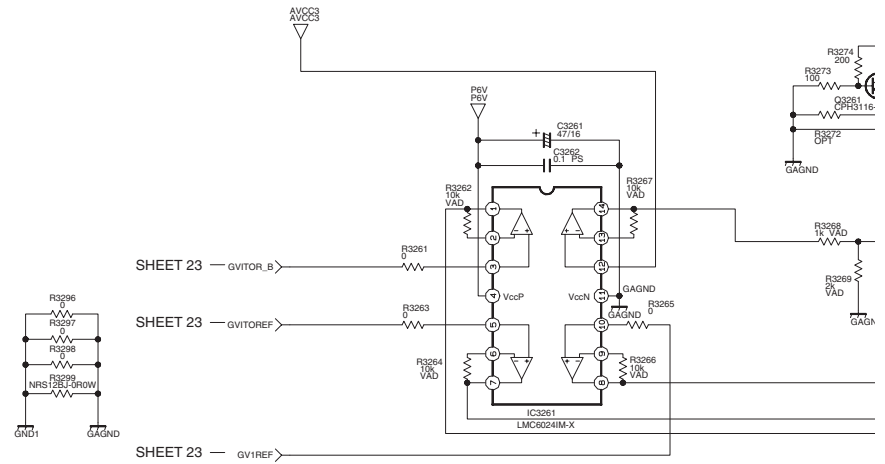
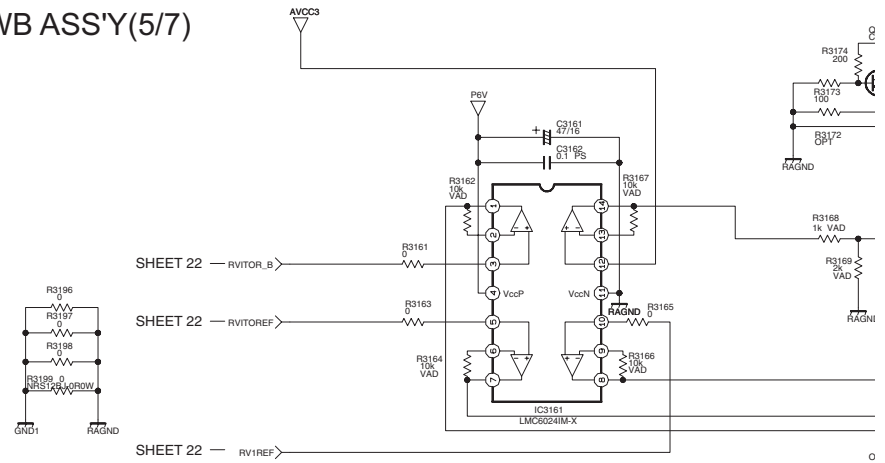
MAIN DRIVE PWB CIRCUIT DIAGRAM (4/7) SHEET 24

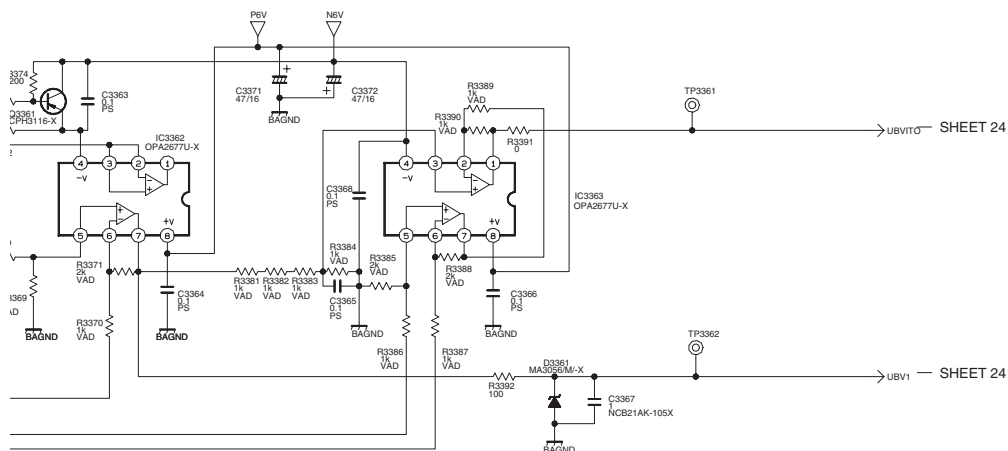
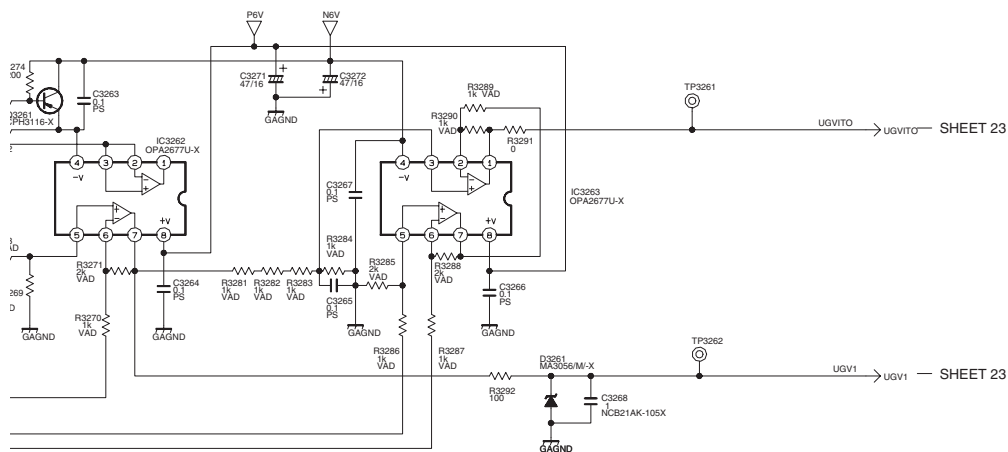
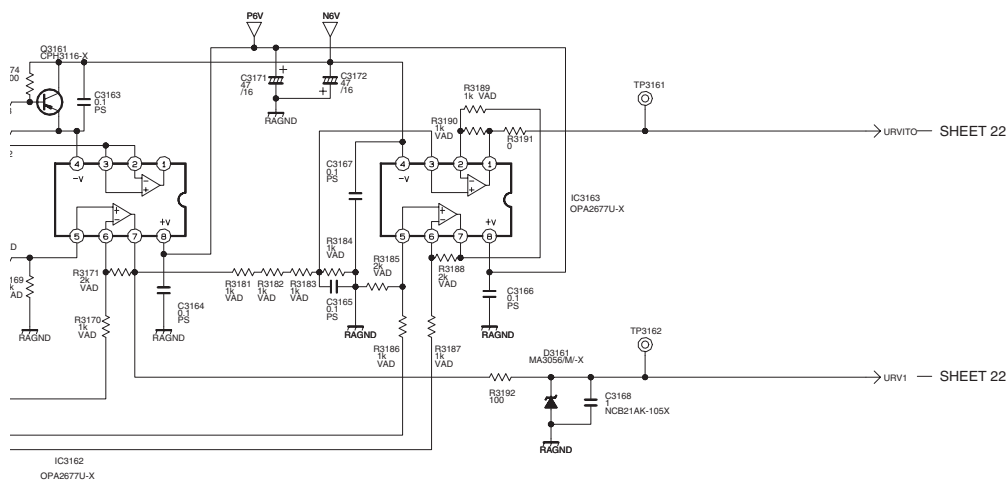


MAIN DRIVE PWB ASS'Y(4/7)
SRP-3005A-M2



MAIN DRIVE PWB ASS'Y(5/7)
SRP-3005A-M2

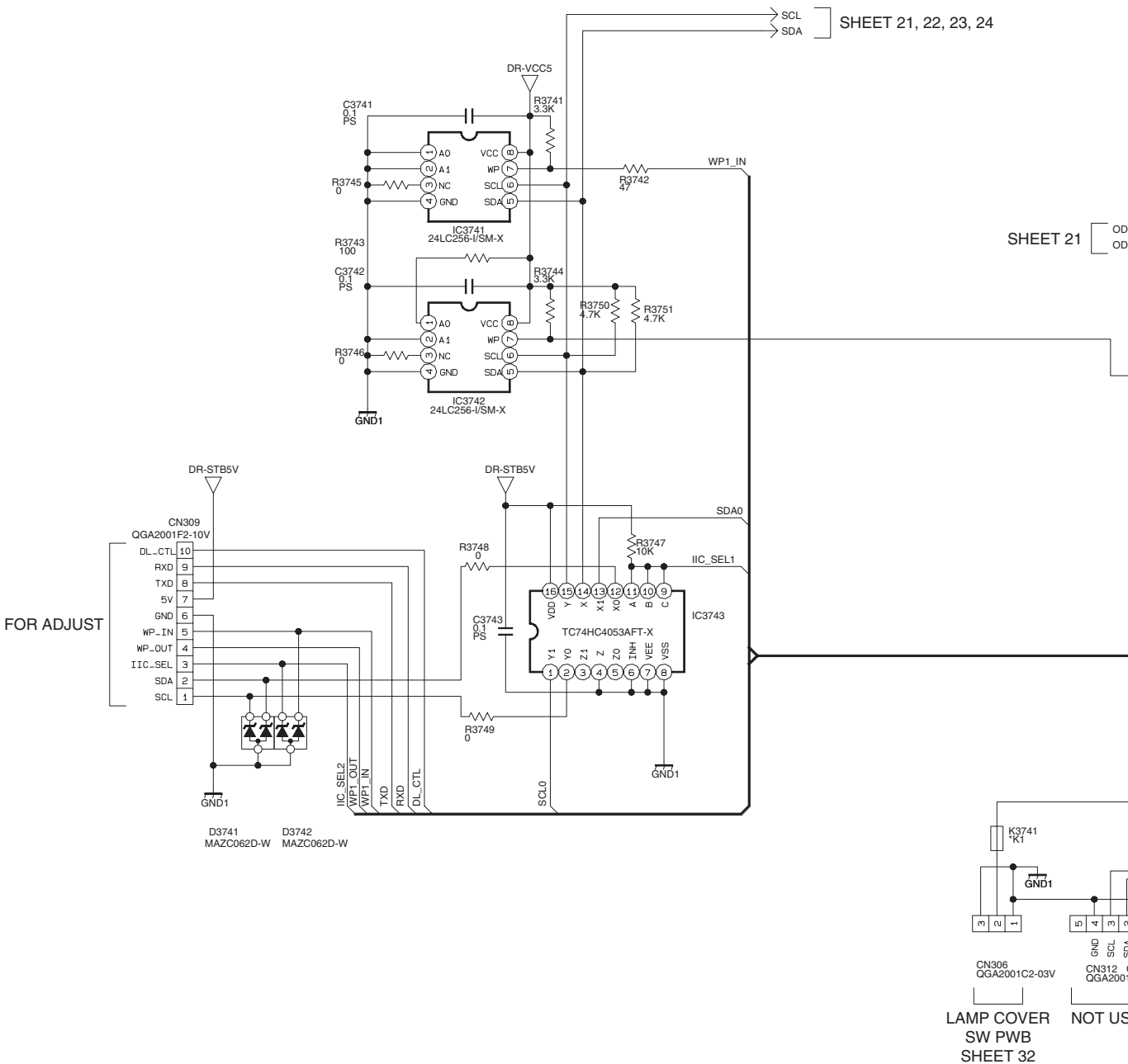




LAMP

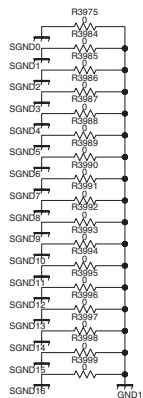
CN311
QGA1002F1-04X

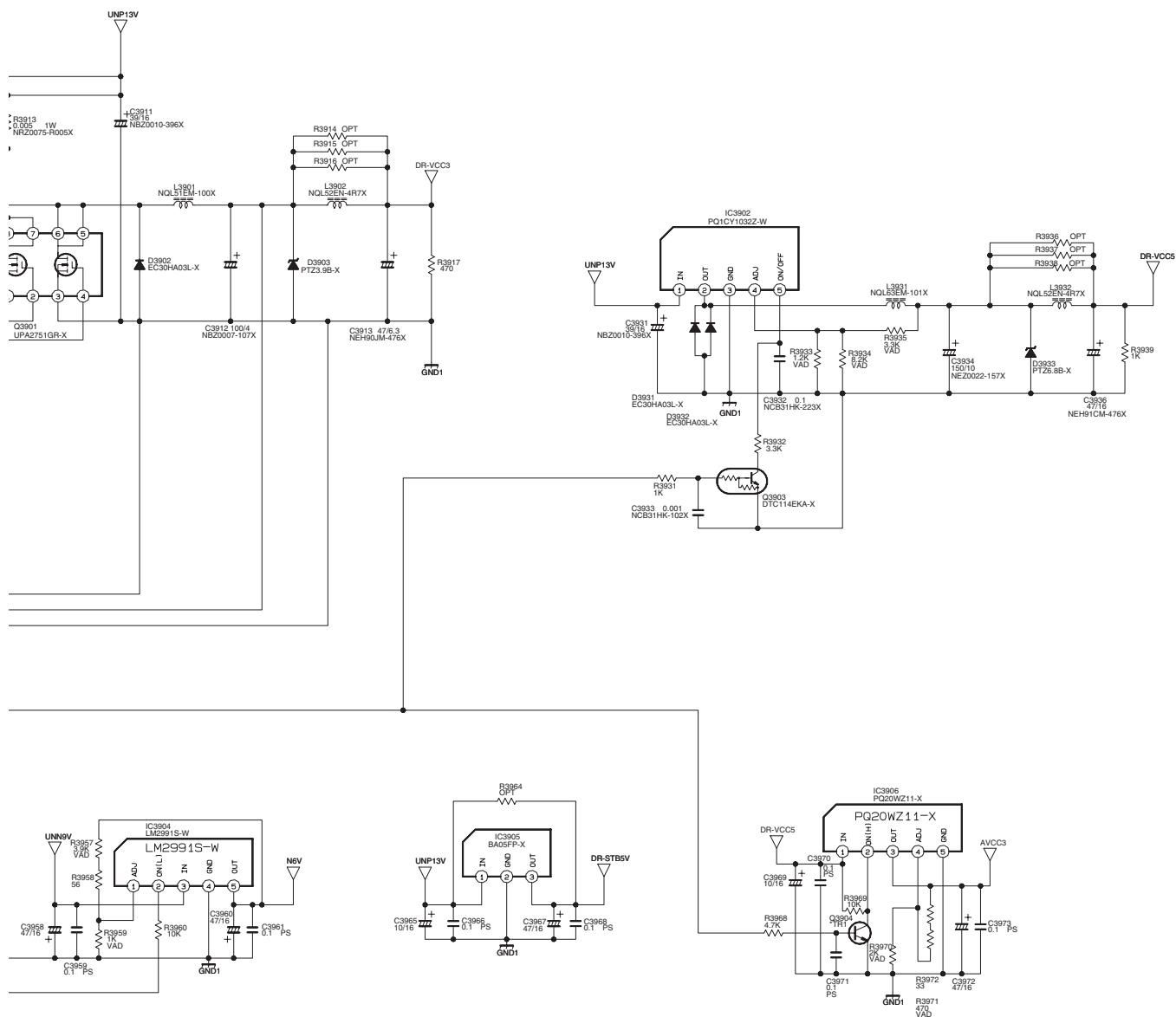
MAIN DRIVE PWB ASS'Y(6/7)
SRP-3005A-M2

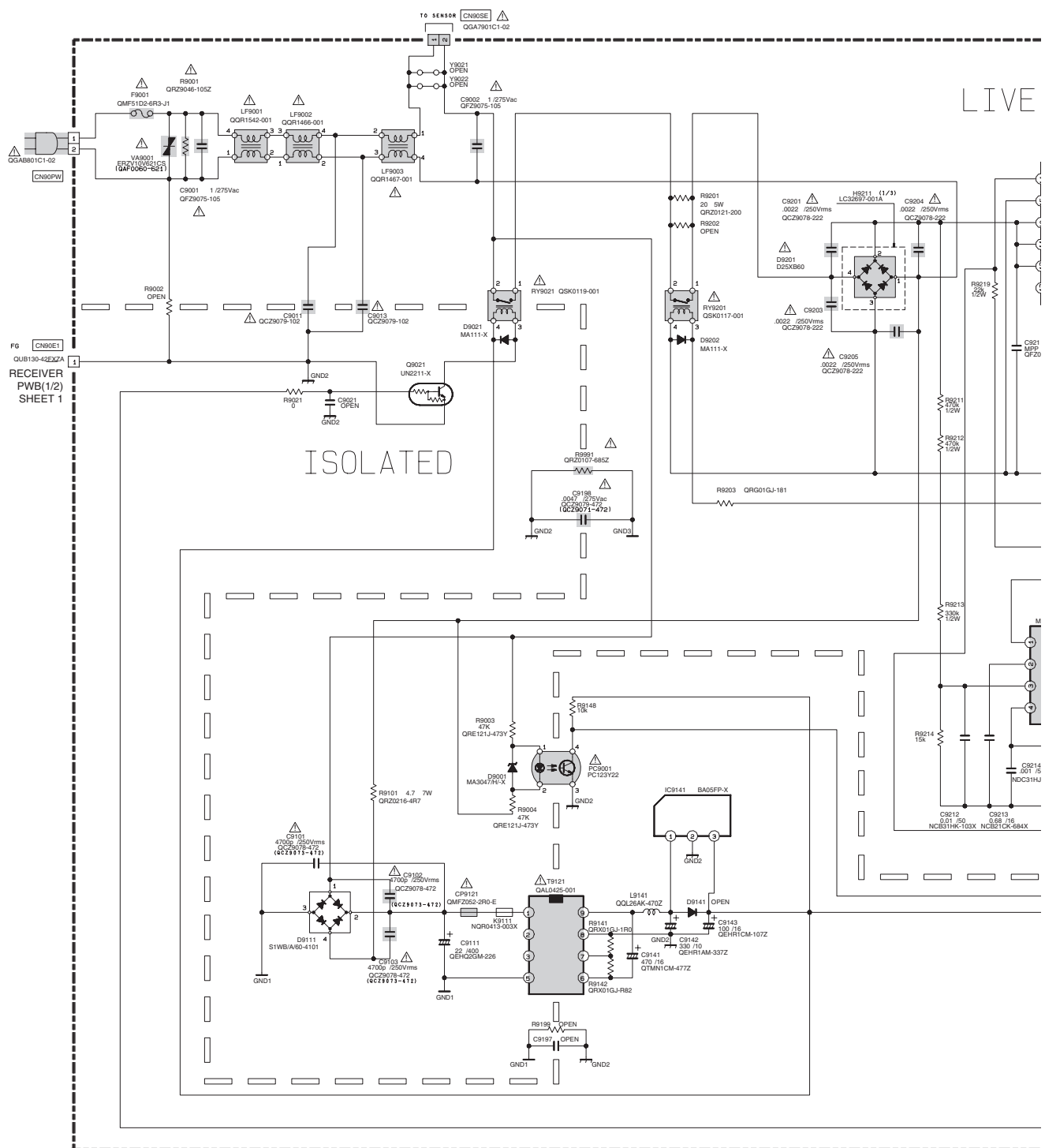


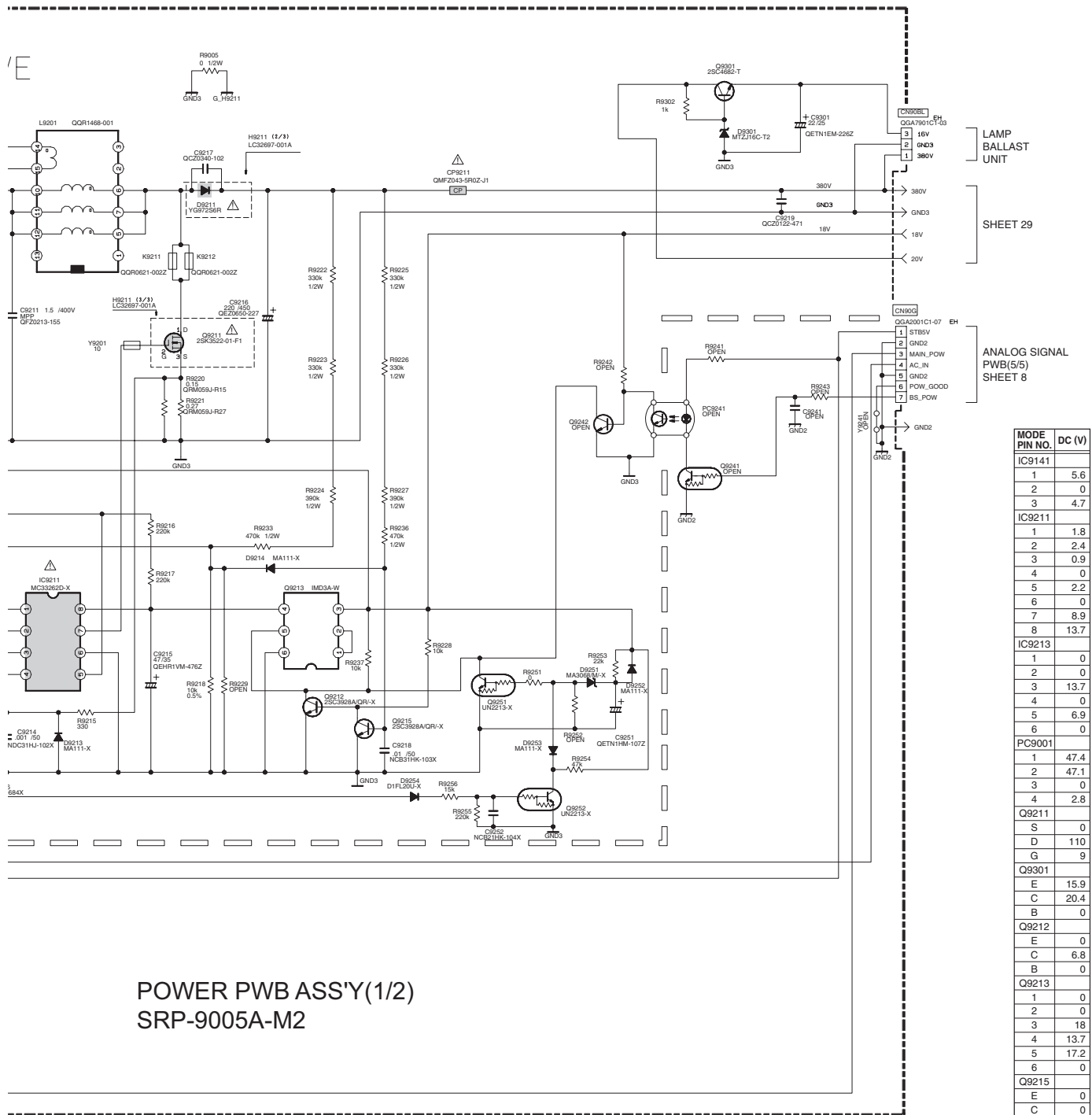
RECEIVER PWB(1/2)
SHEET 1

USED TEMP. SENSOR PWB
SHEET 32

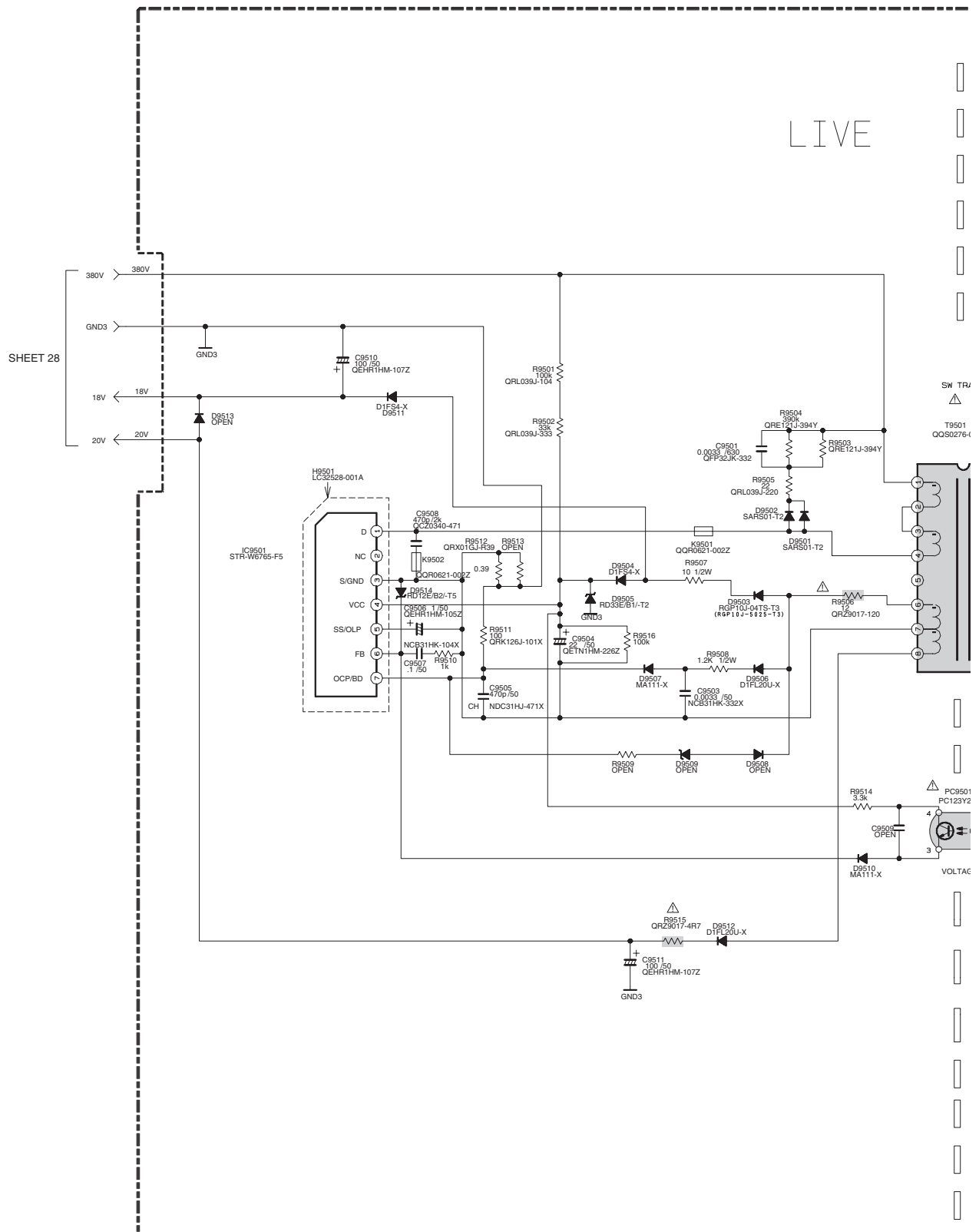


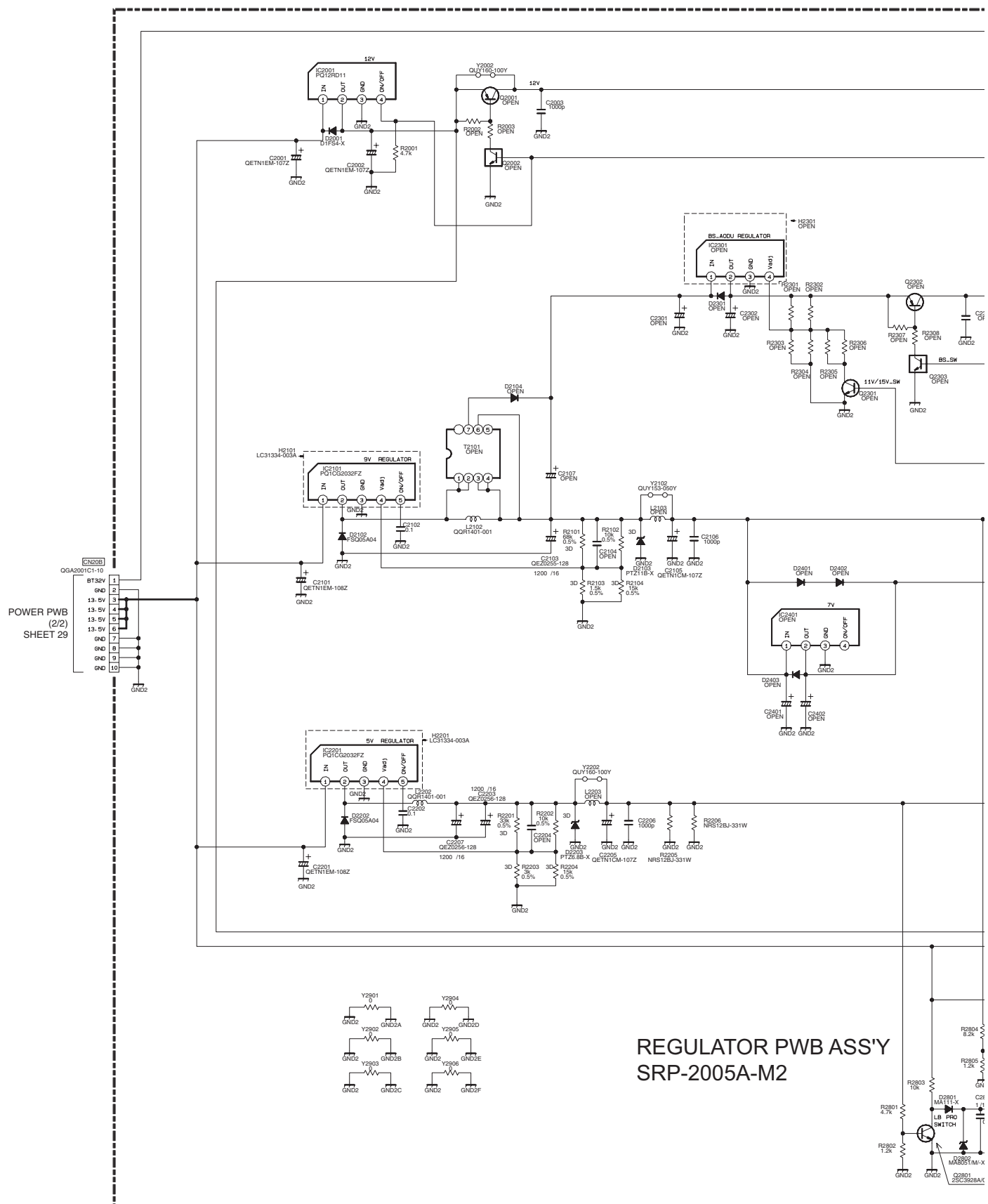


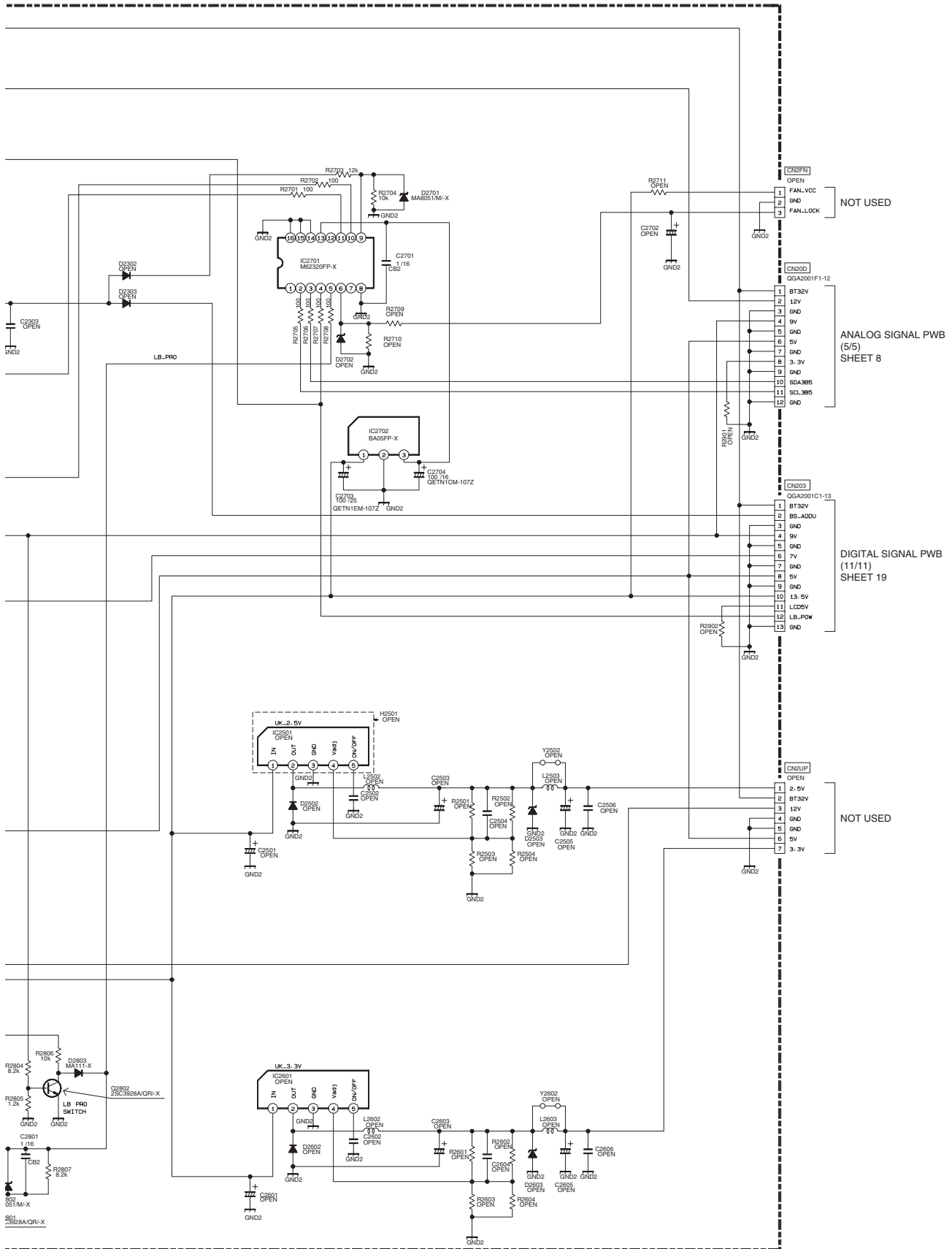




MODE PIN NO.	DC (V)
IC9141	
1	5.6
2	0
3	4.7
IC9211	
1	1.8
2	2.4
3	0.9
4	0
5	2.2
6	0
7	8.9
8	13.7
IC9213	
1	0
2	0
3	13.7
4	0
5	6.9
6	0
PC9001	
1	47.4
2	47.1
3	0
4	2.8
Q9211	
S	0
D	110
G	9
Q9301	
E	15.9
C	20.4
B	0
Q9212	
E	0
C	6.8
B	0
Q9213	
1	0
2	0
3	18
4	13.7
5	17.2
6	0
Q9215	
E	0
C	0
B	0.5
Q9251	
E	0
C	17.2
B	0
Q9252	
E	0
C	17
B	2.2

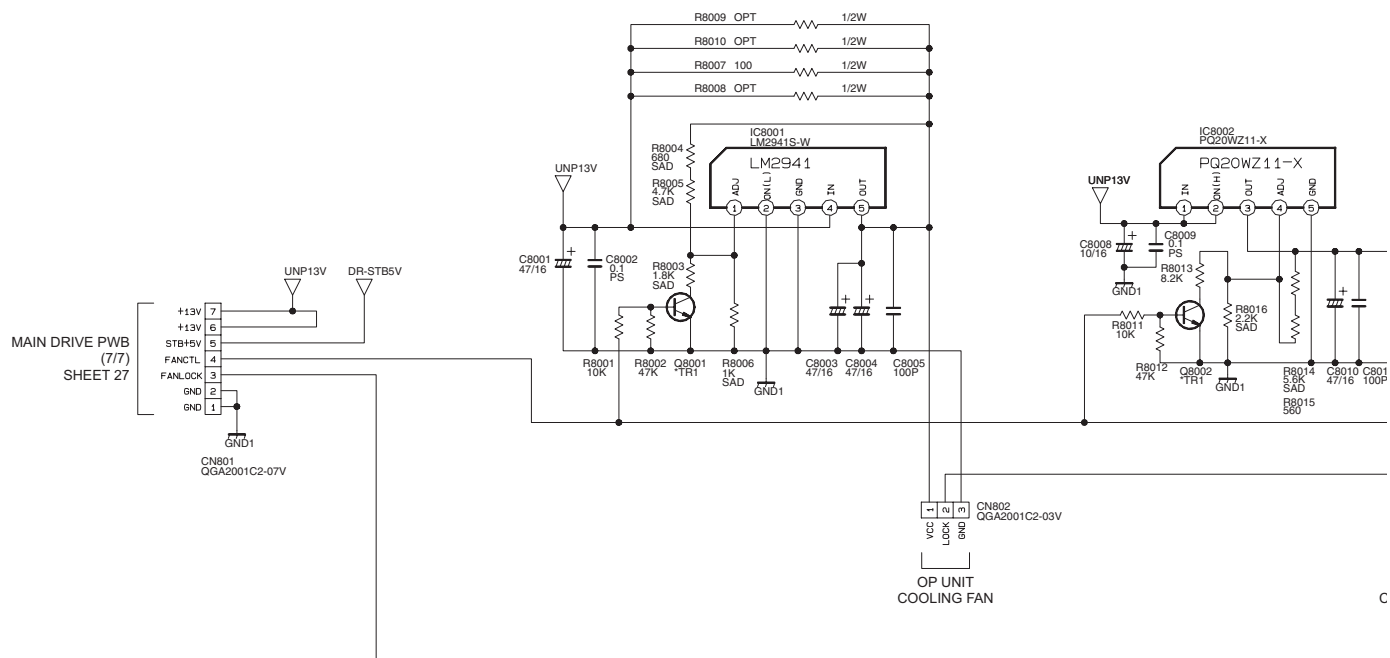


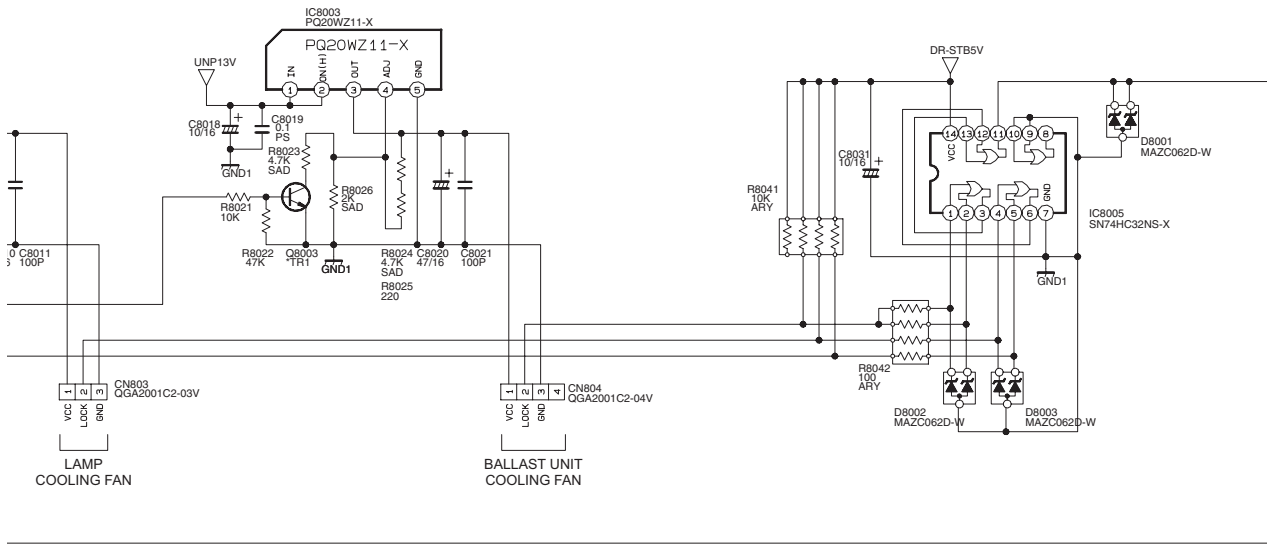




MODE PIN NO.	DC (V)
IC2001	
1	13.5
2	11.8
3	0
4	0
IC2101	
1	13.5
2	8.8
3	0
4	0
5	0
IC2201	
1	13.5
2	4.8
3	0
4	0
5	0
IC2701	
1	0
2	4.9
3	4.9
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	5
14	0
15	0
16	0
IC2702	
1	13.5
2	0
3	5
Q2801	
E	0
C	13.5
B	1.8
Q2802	
E	0
C	13.5
B	8.8

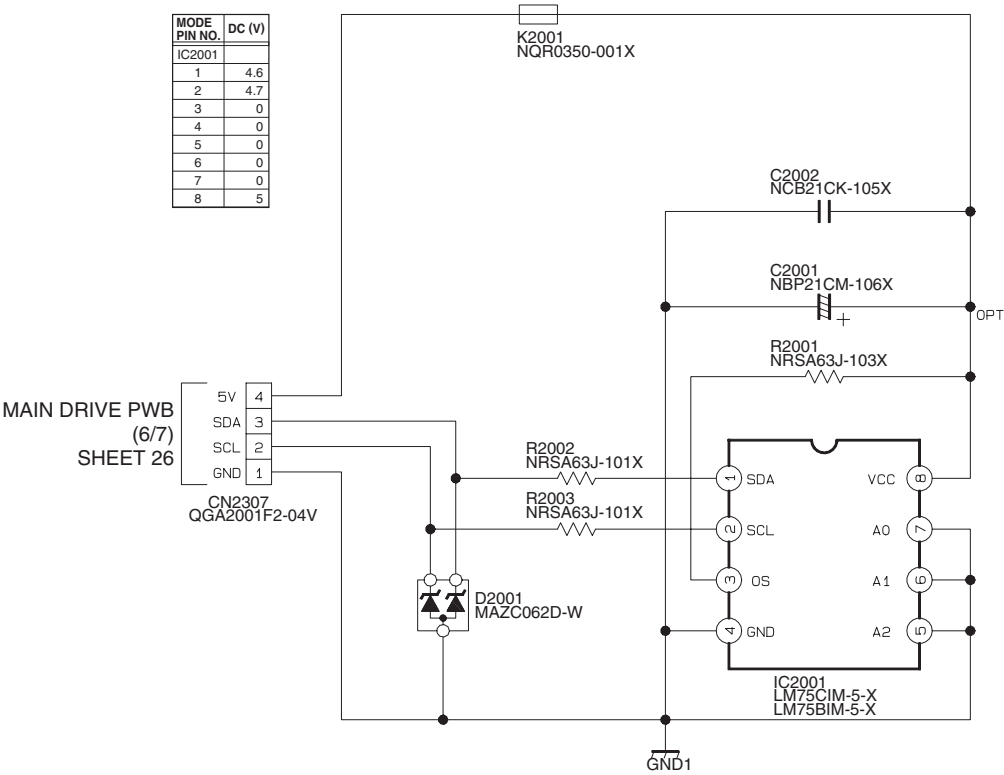
FAN CONTROL PWB ASS'Y SRP-8105A-M2

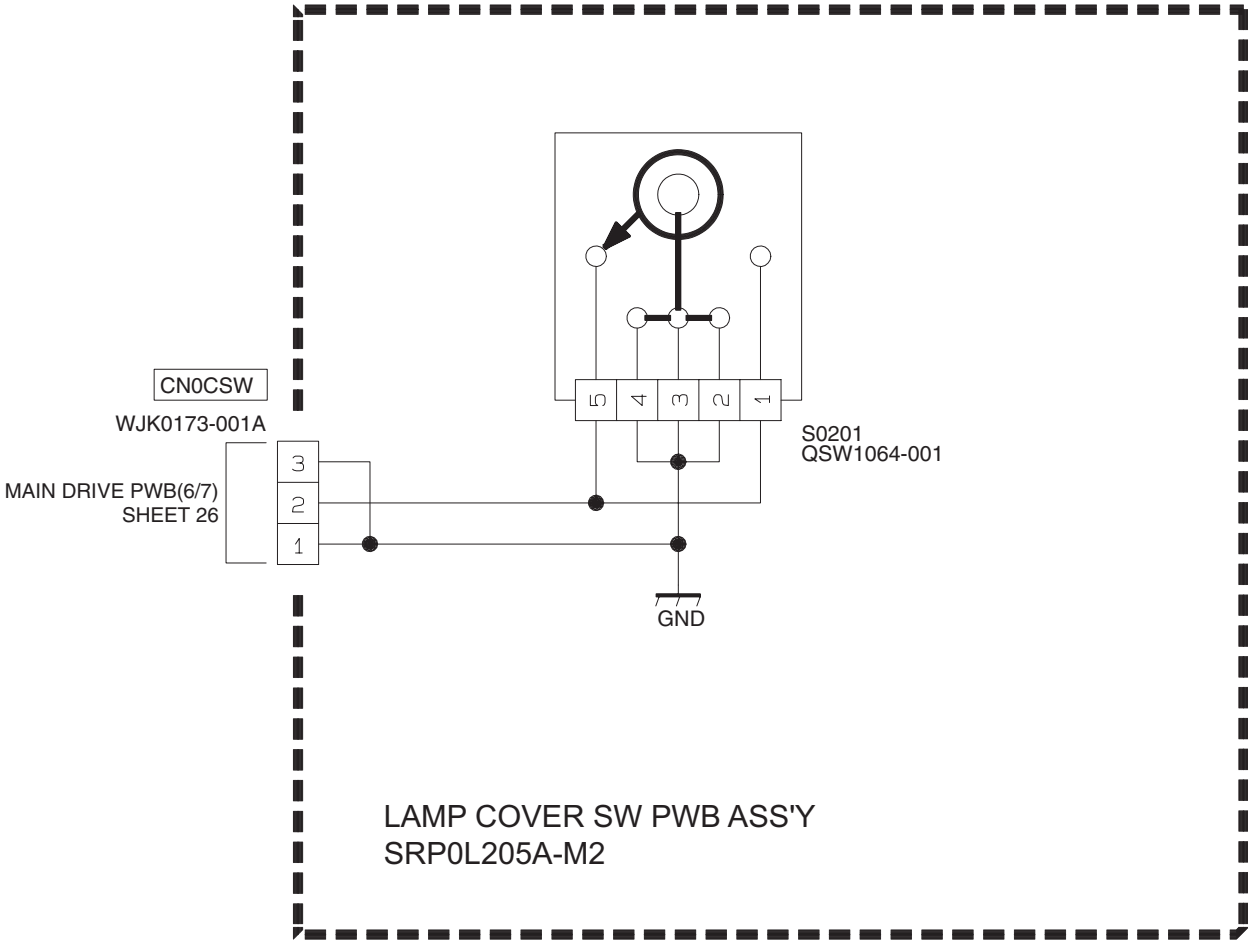


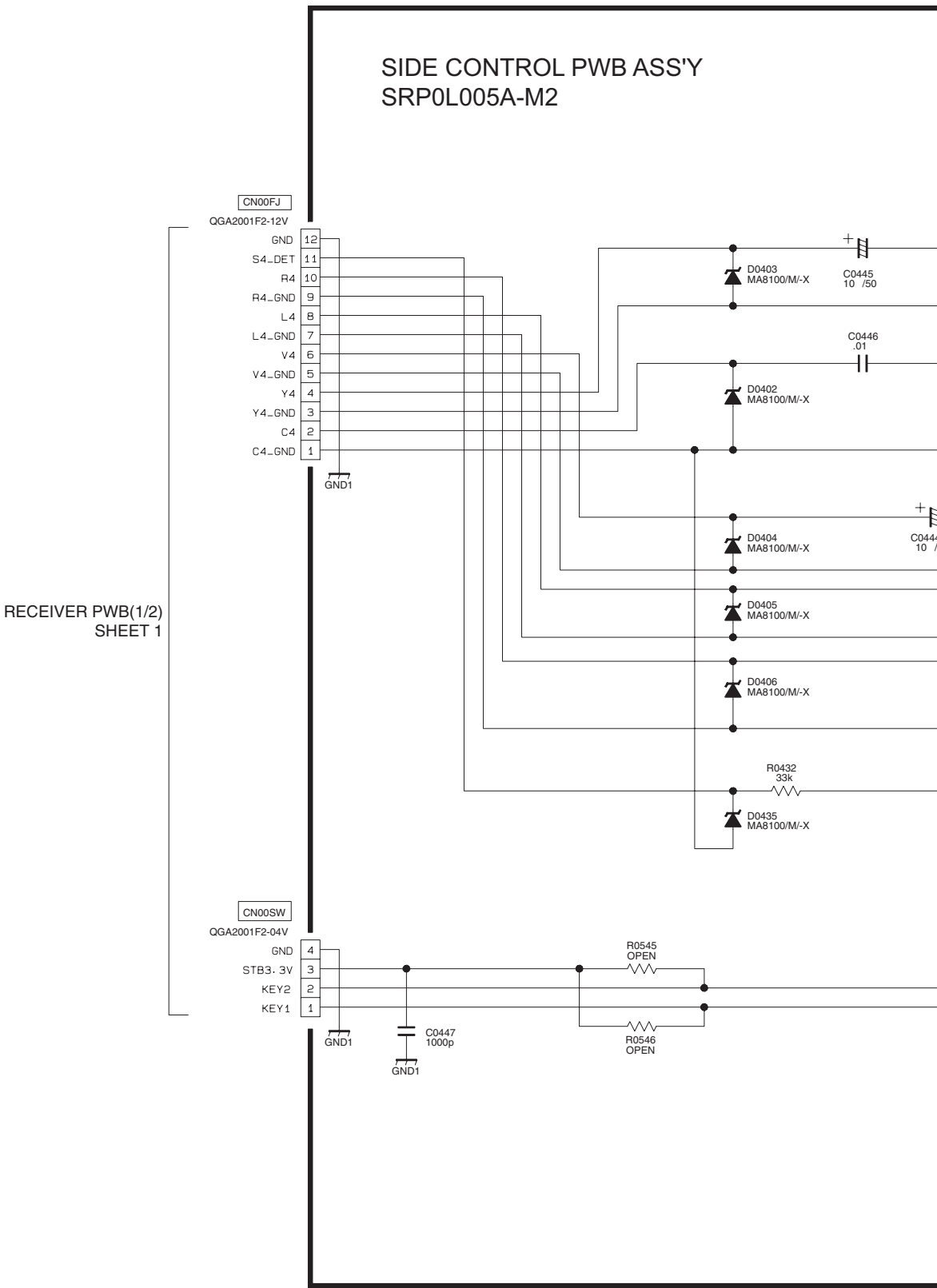


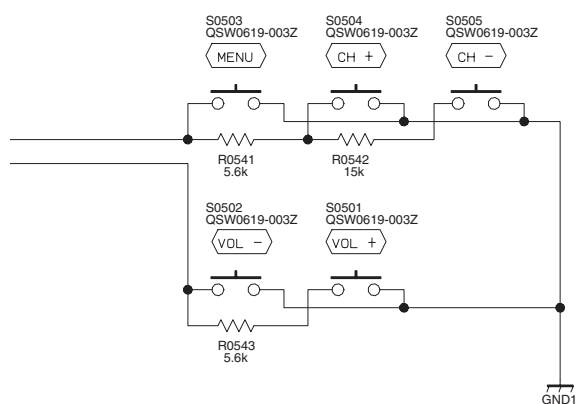
MODE PIN NO.	DC (V)
IC8001	
1	3.4
2	0
3	0
4	12.8
5	11.8
IC8002	
1	12.8
2	12.8
3	11.8
4	3.4
5	0
IC8003	
1	12.8
2	12.8
3	11.8
4	3.4
5	0
IC8005	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	3.2
12	0
13	0
14	12.8
Q8001	
E	0
C	3.4
B	3.6
Q8002	
E	0
C	3.4
B	3.6
Q8003	
E	0
C	3.4
B	3.6

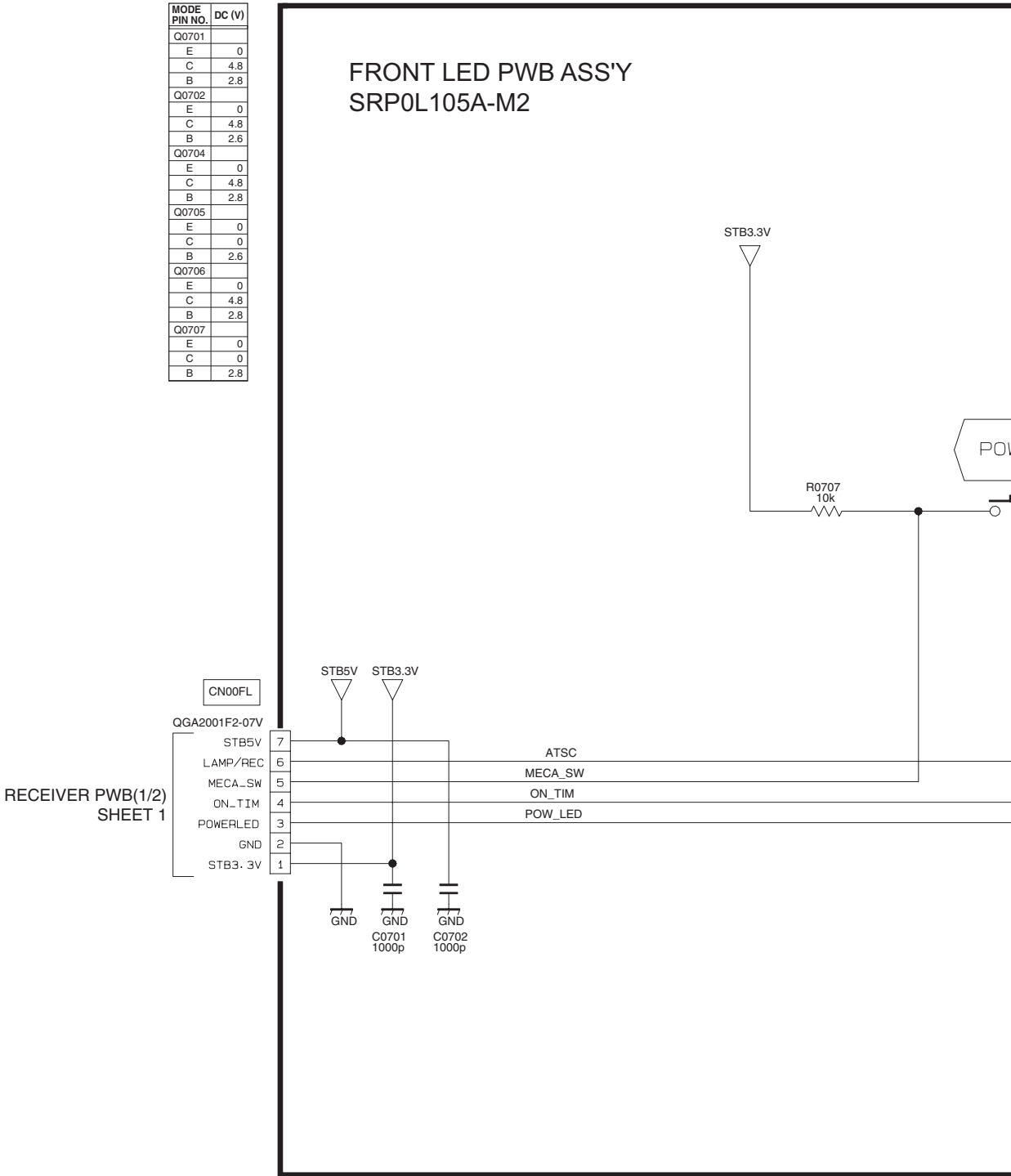
TEMP. SENSOR PWB ASS'Y
SRP-8205A-M2

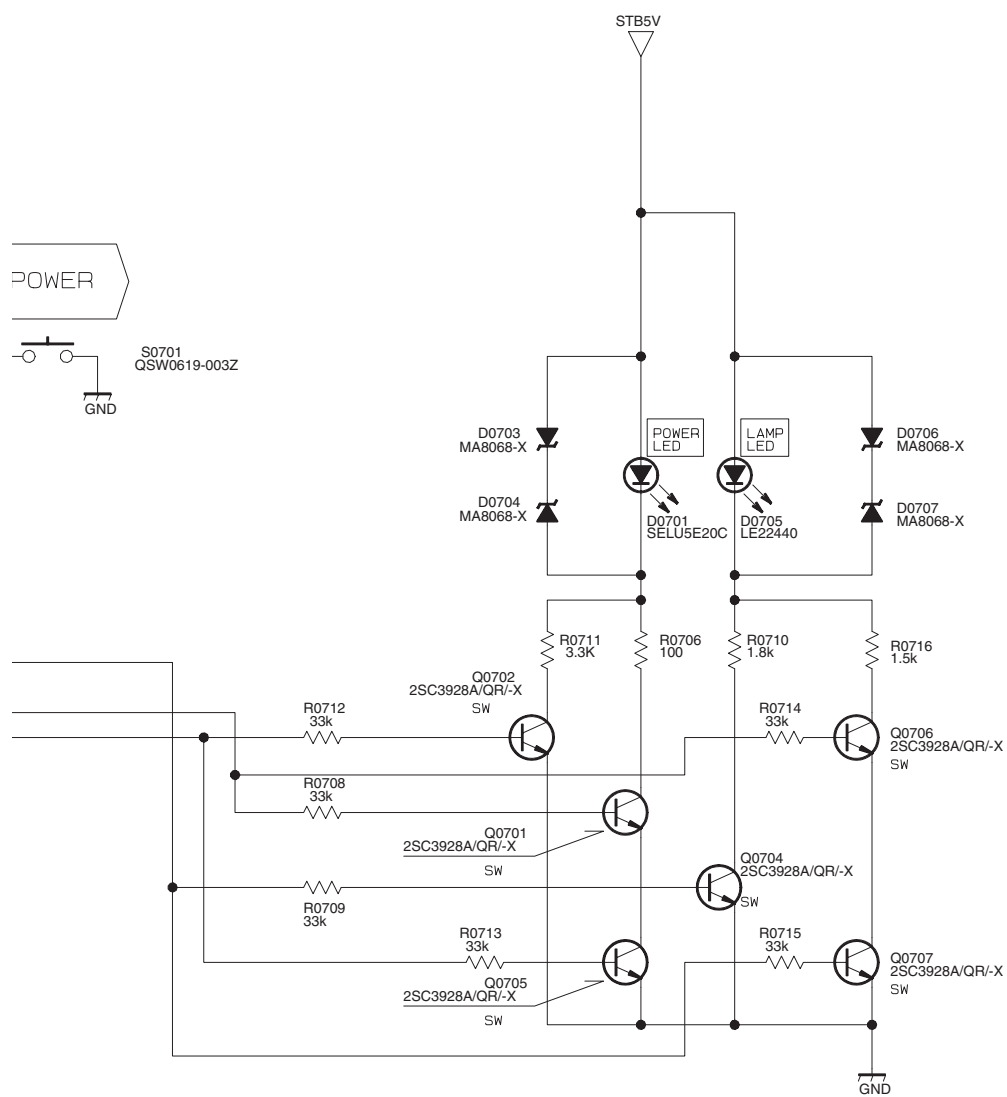


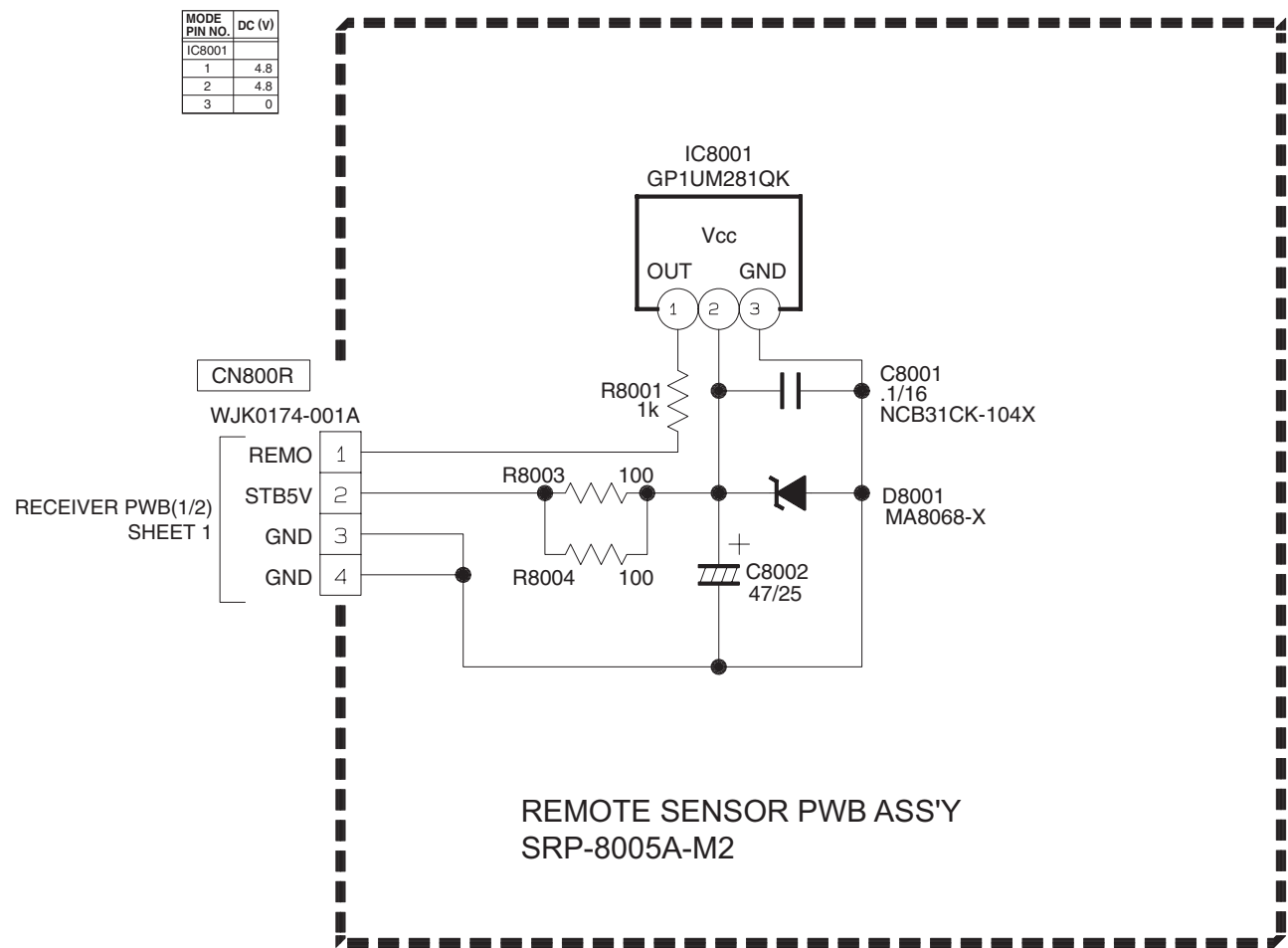




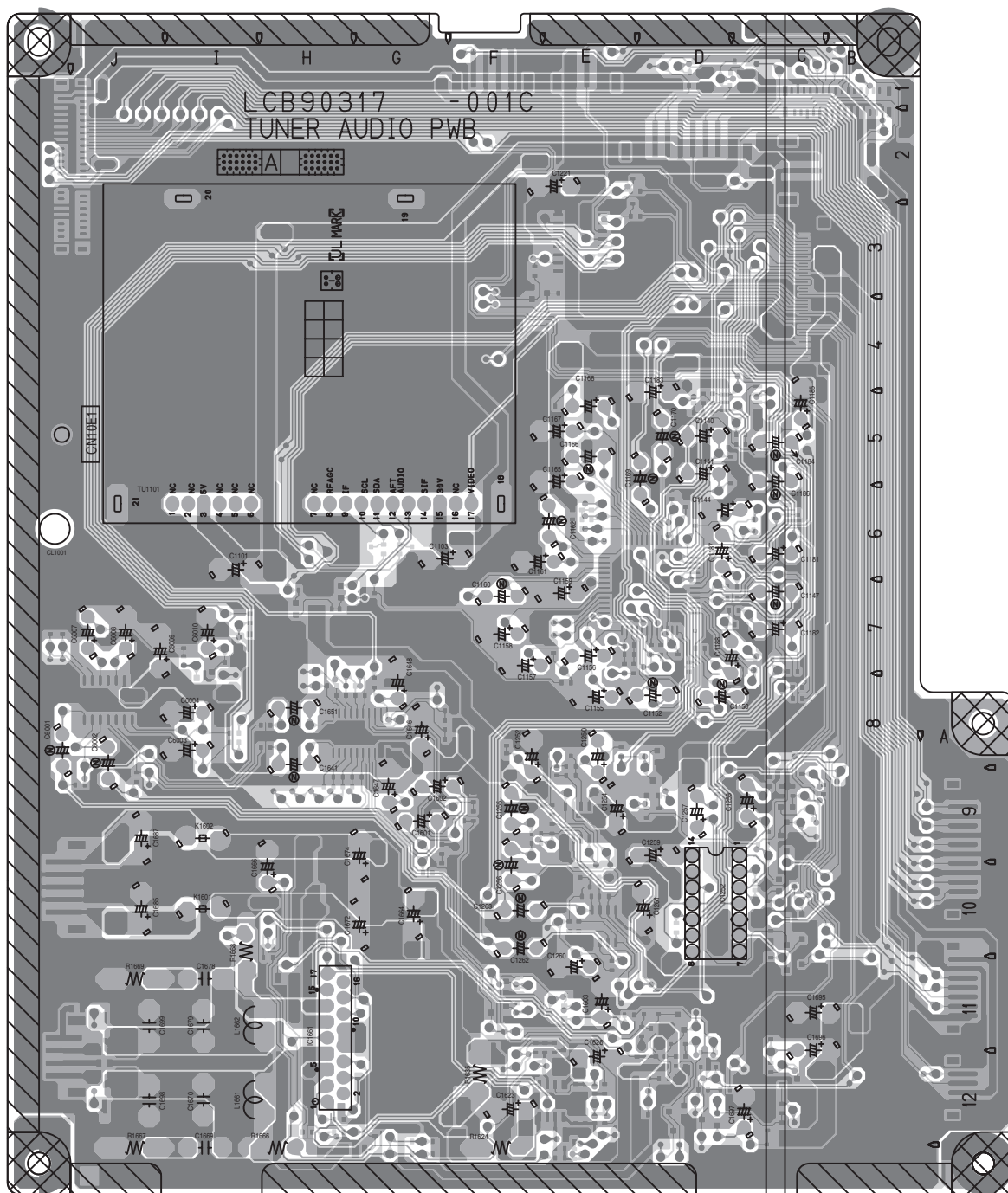






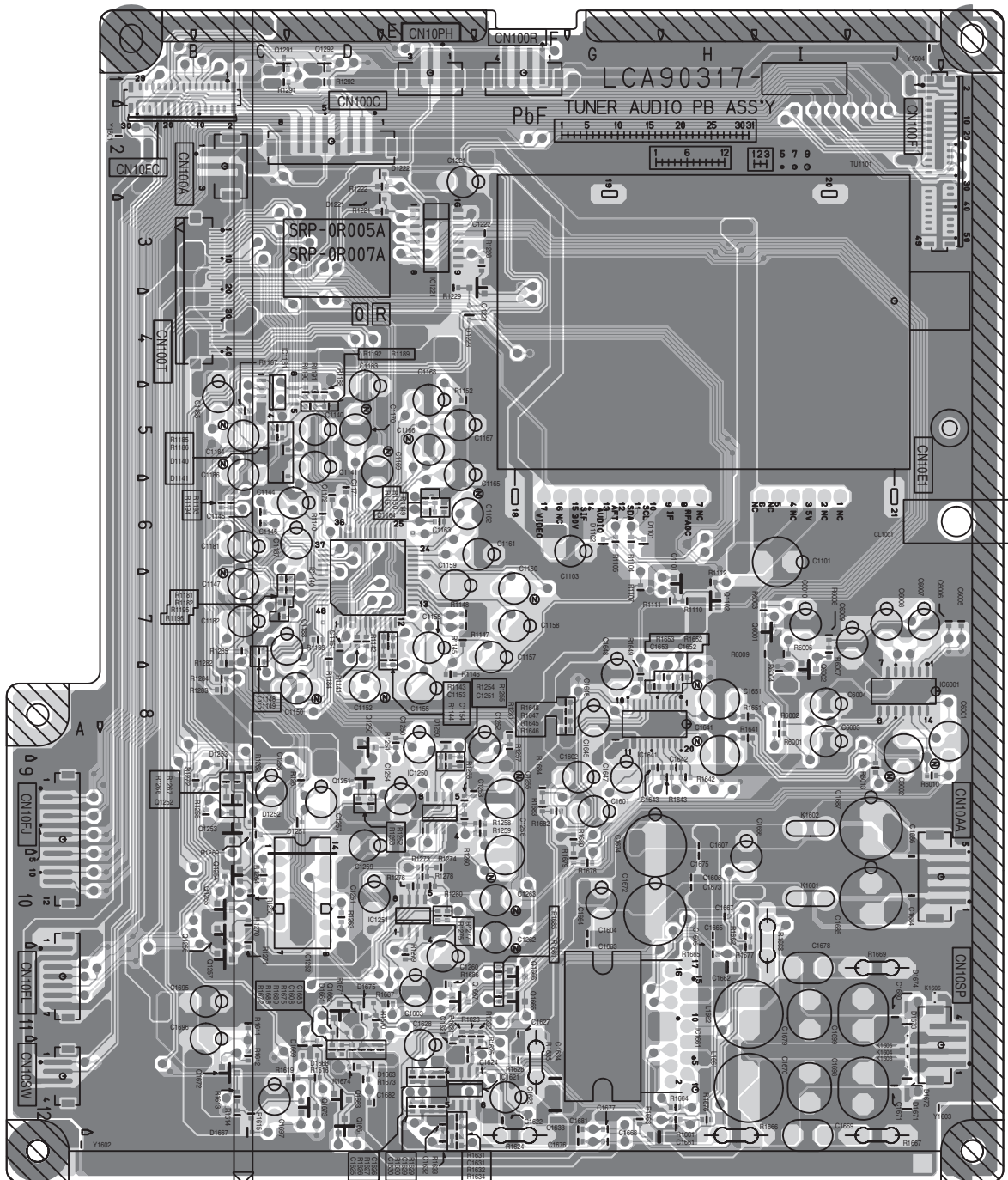


RECEIVER PWB PATTERN [SOLDER SIDE]

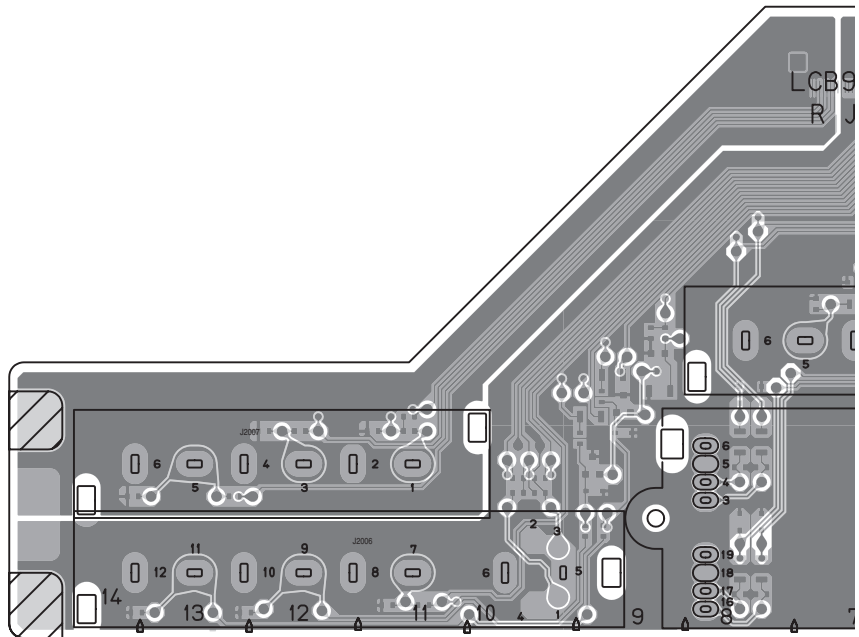


RECEIVER PWB PATTERN [PARTS SIDE]

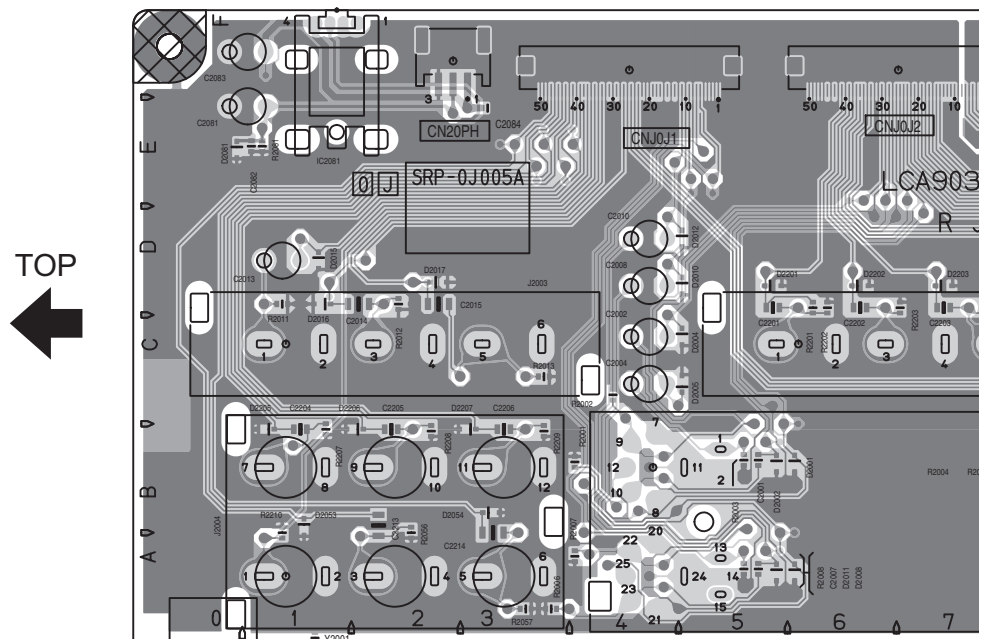
TOP

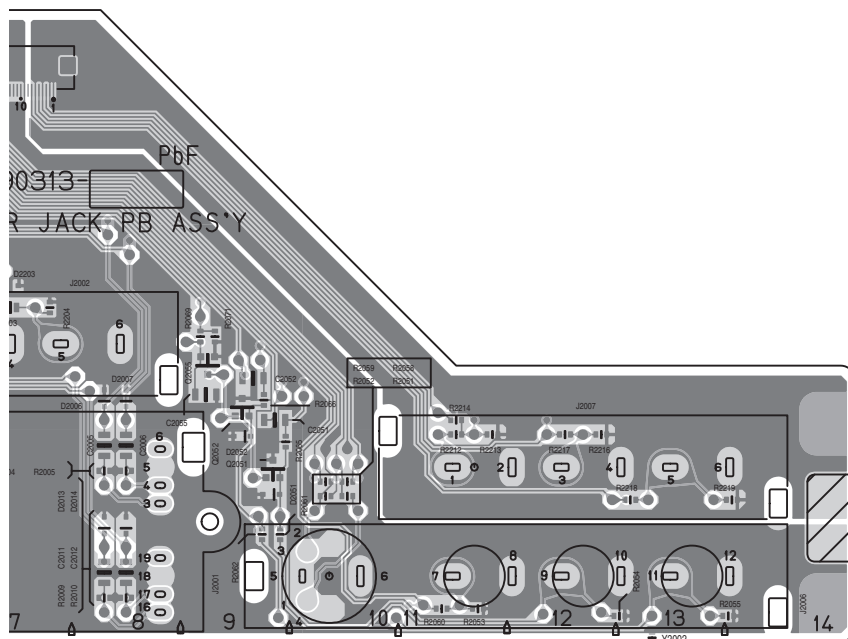
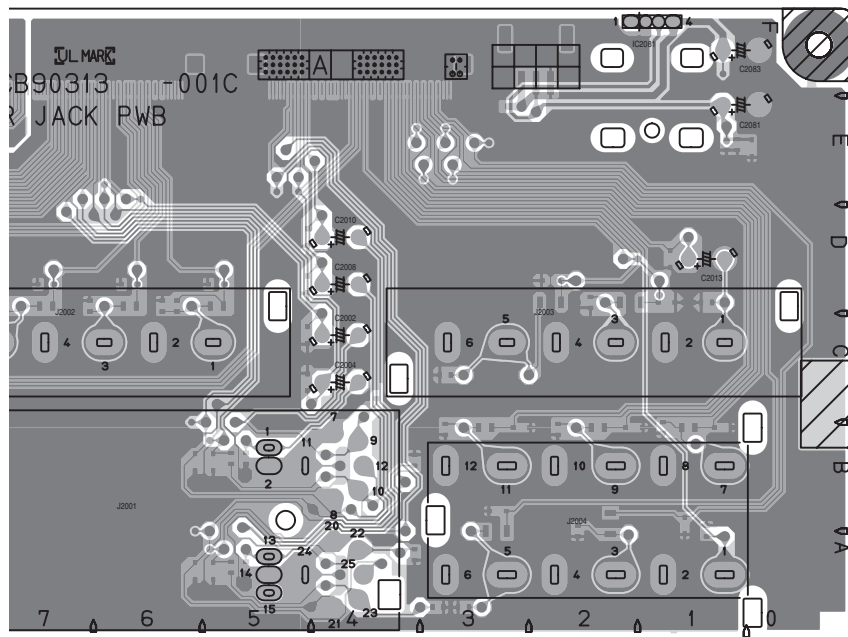


REAR JACK PWB PATTERN [SOLDER SIDE]

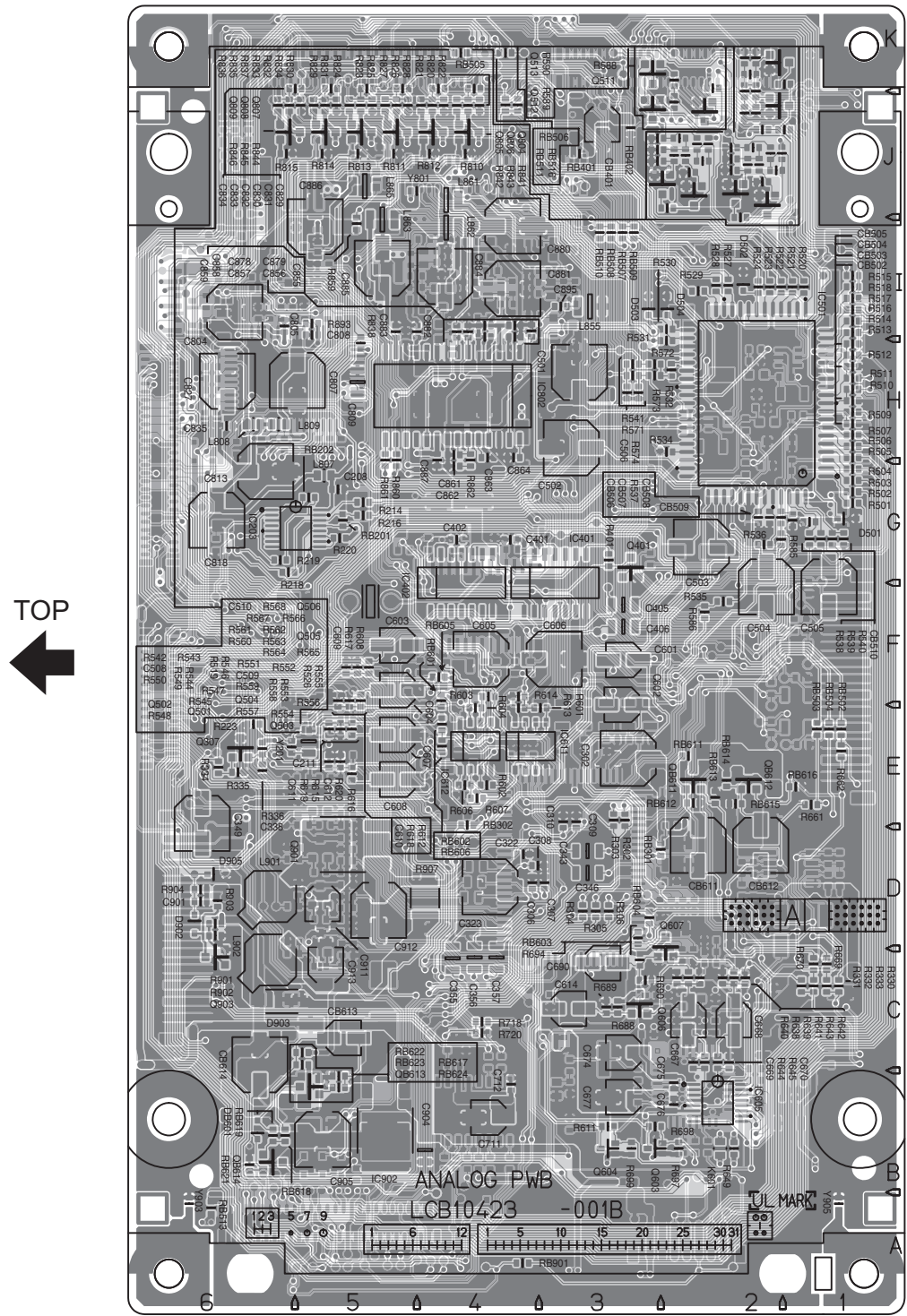


REAR JACK PWB PATTERN [PARTS SIDE]

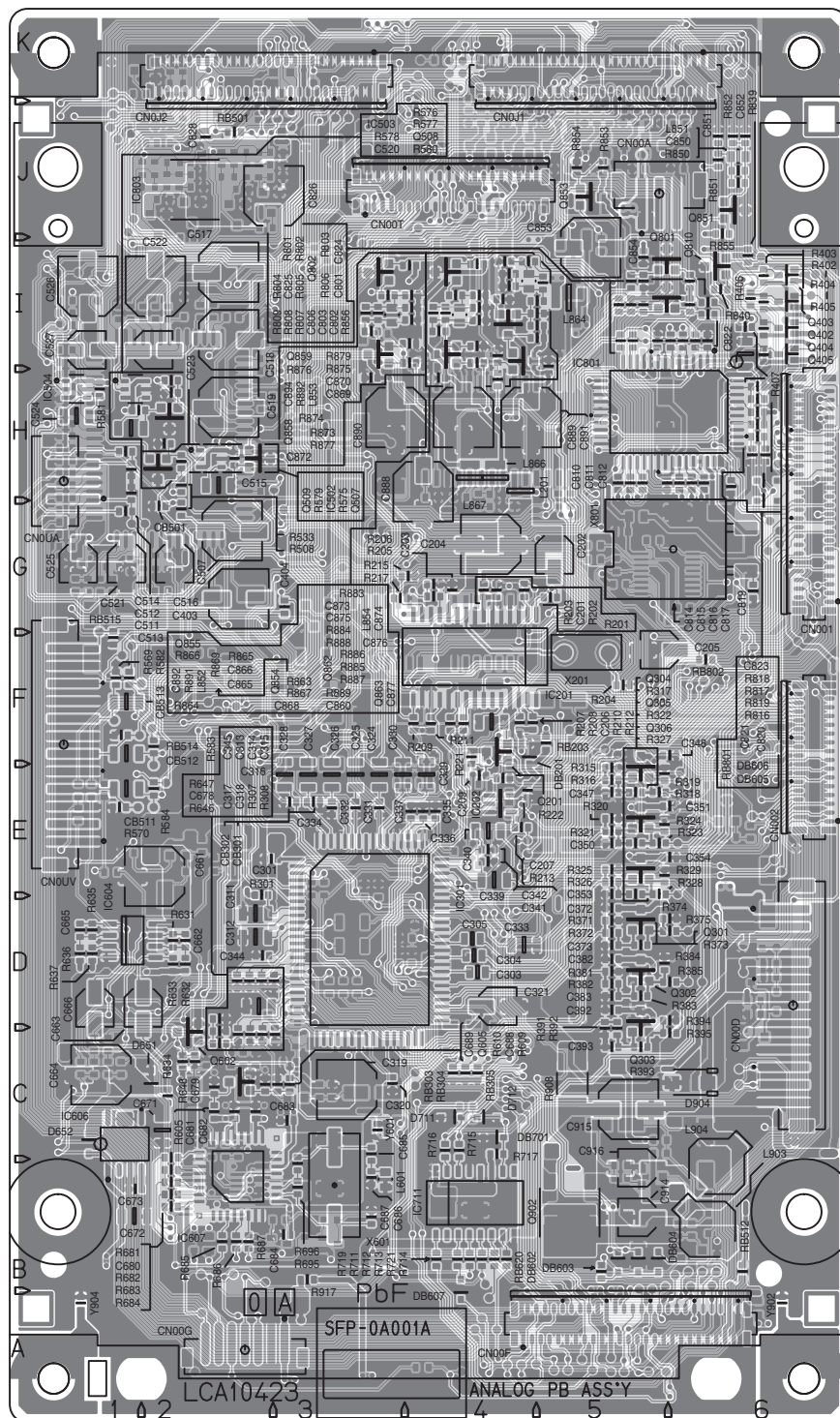




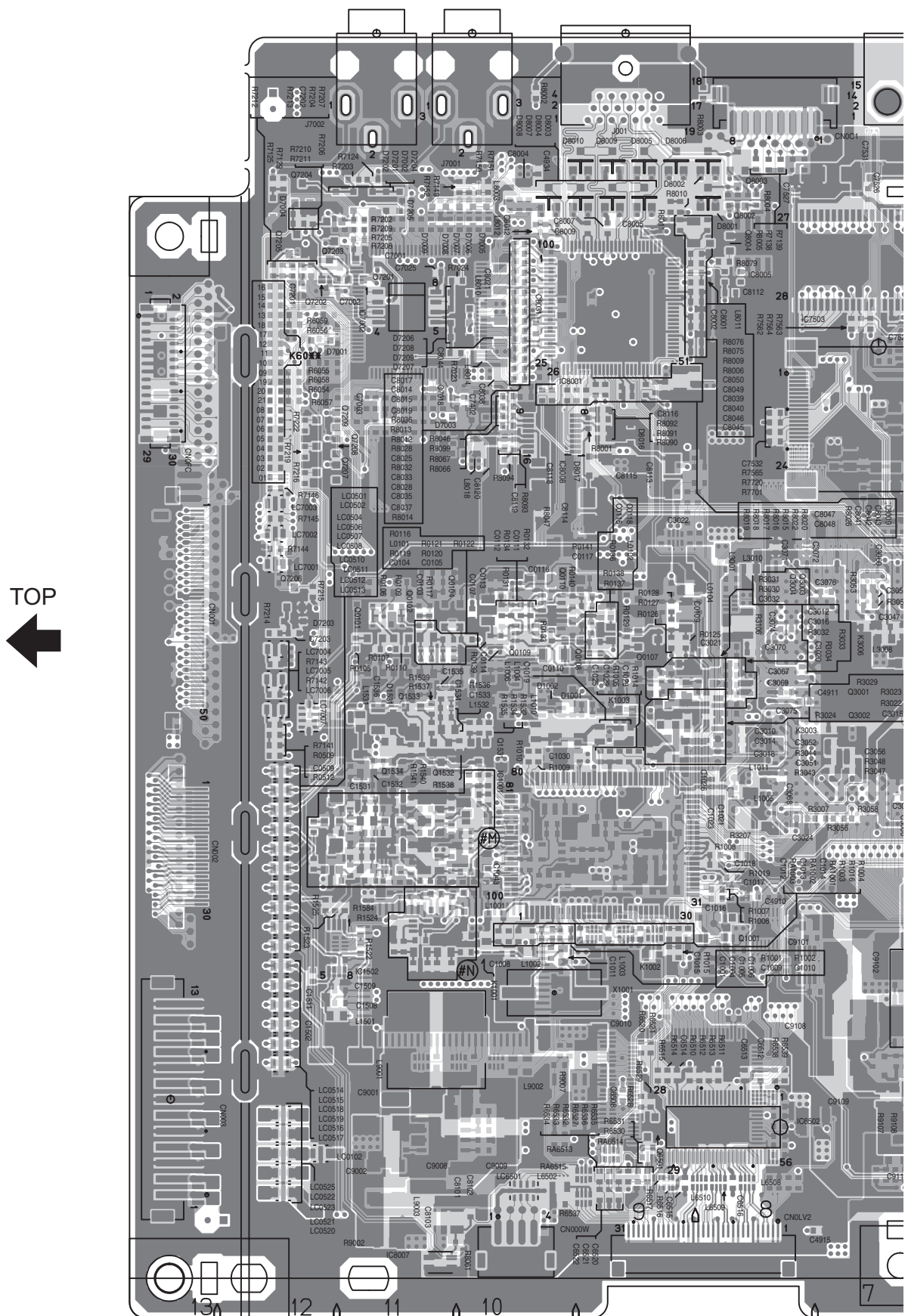
ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]



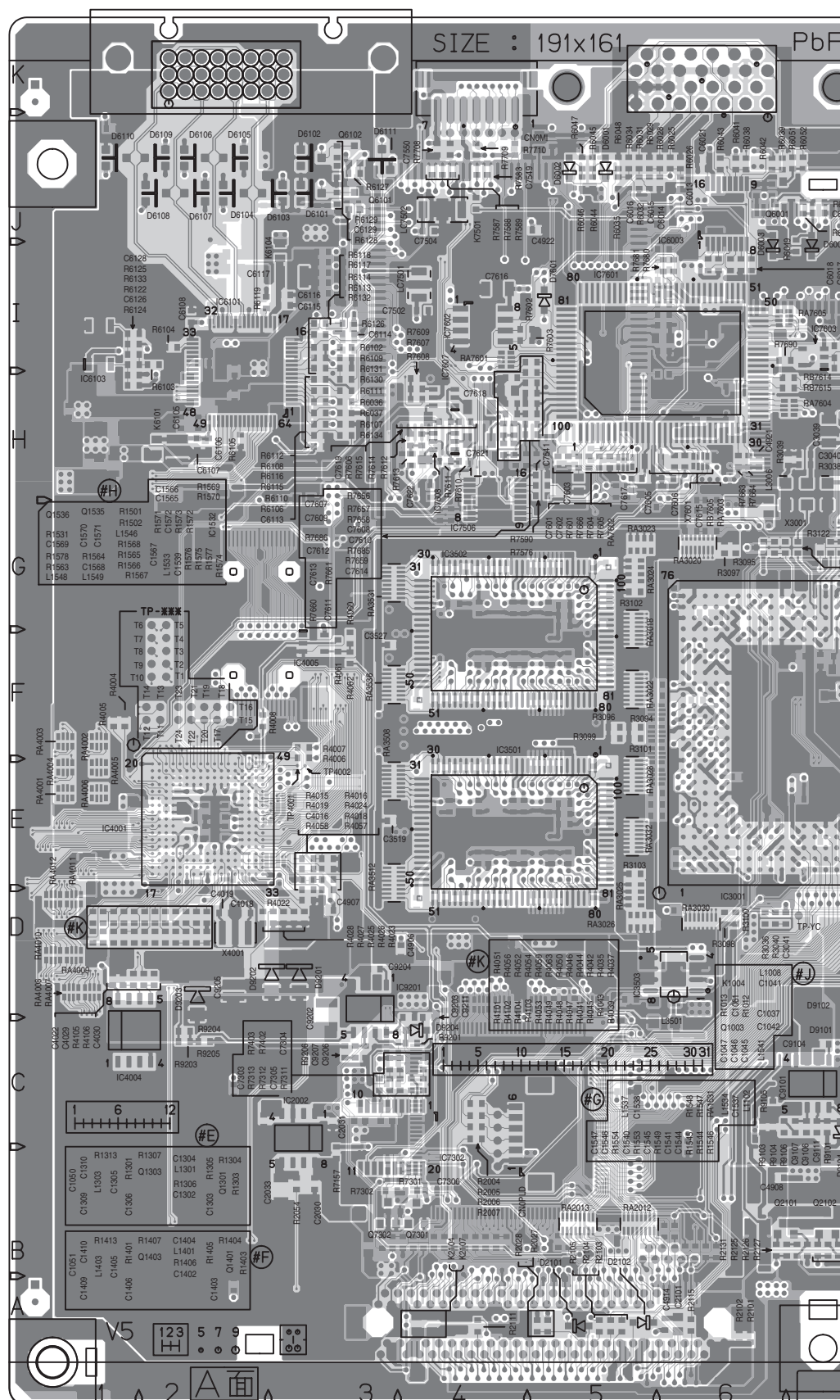
ANALOG SIGNAL PWB PATTERN [PARTS SIDE]

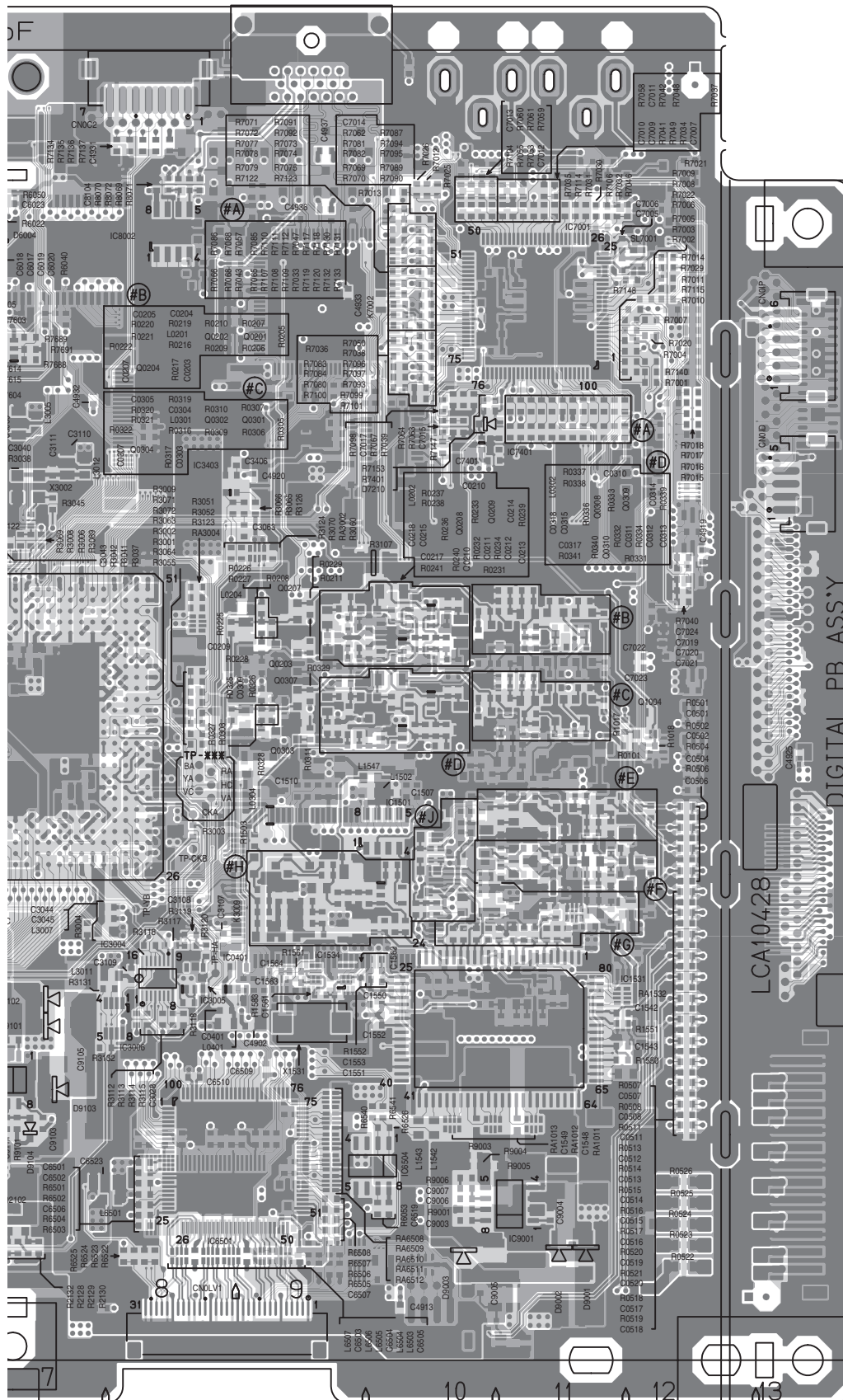


TOP
➔





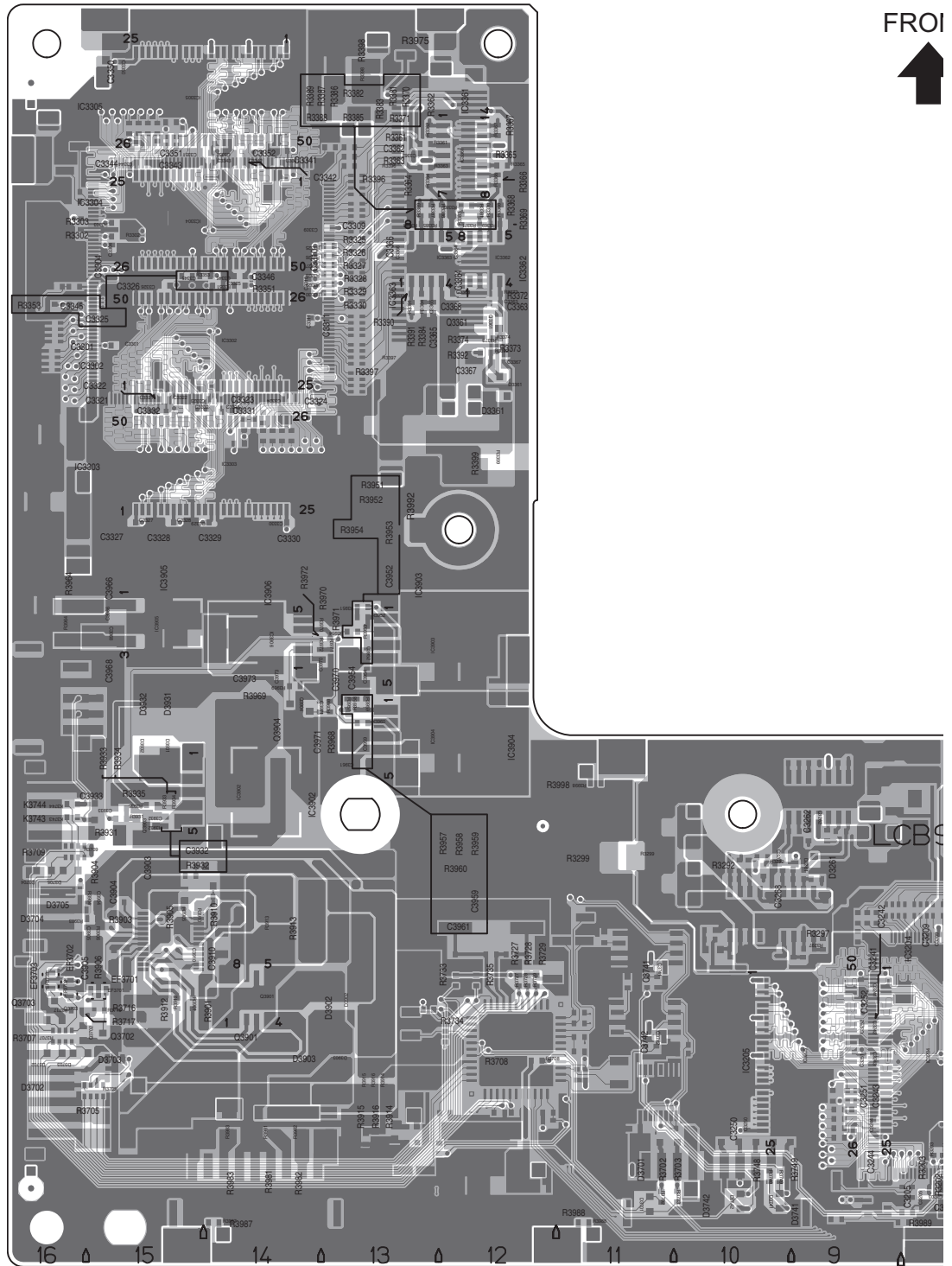


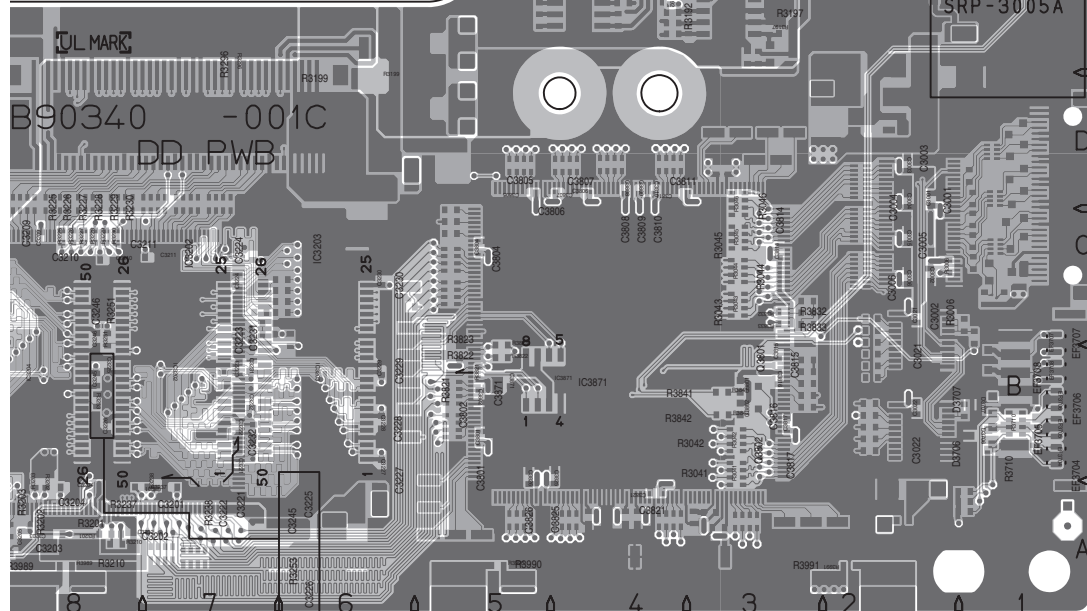


TOP

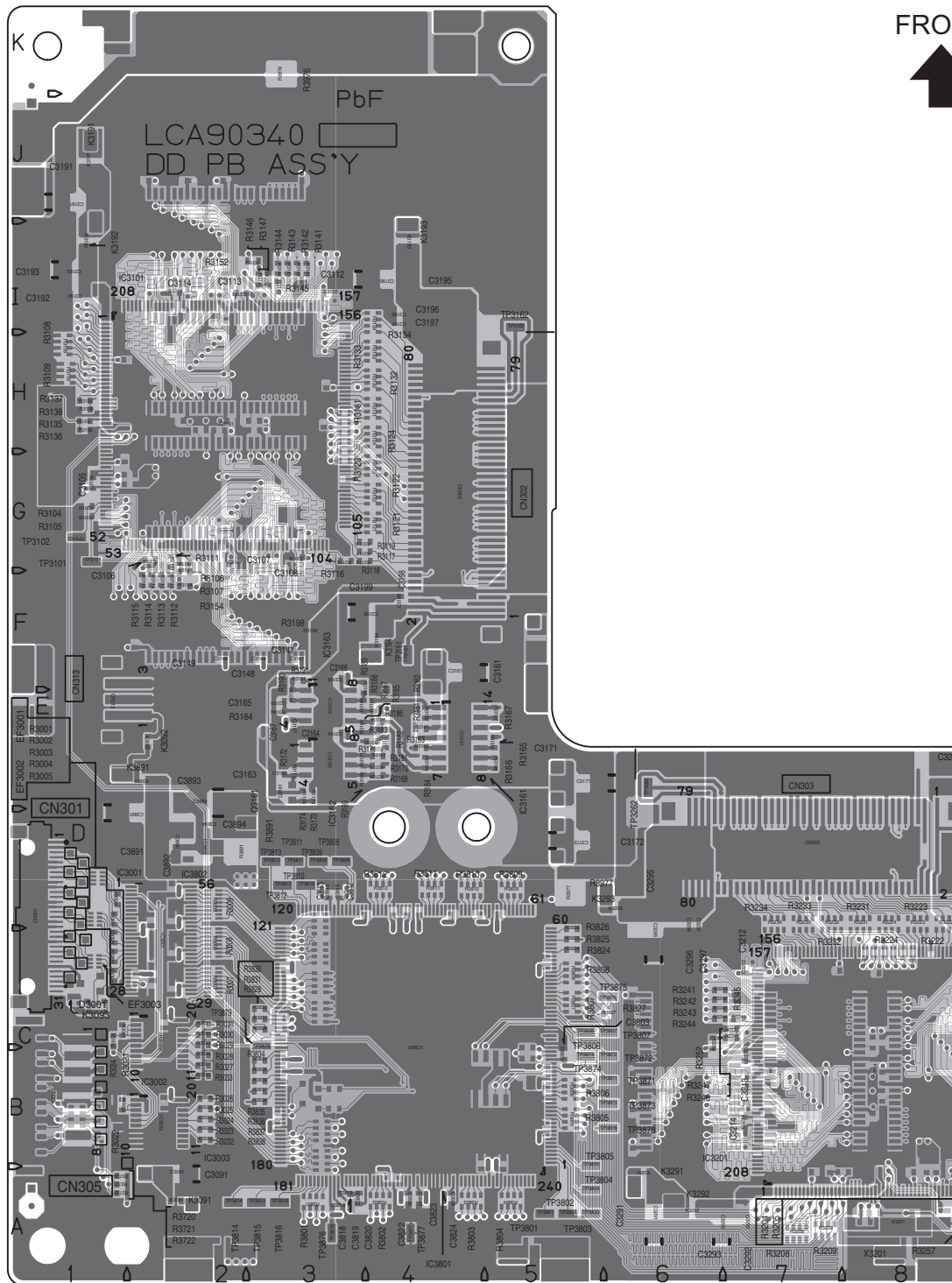


MAIN DRIVE PWB PATTERN [SOLDER SIDE]

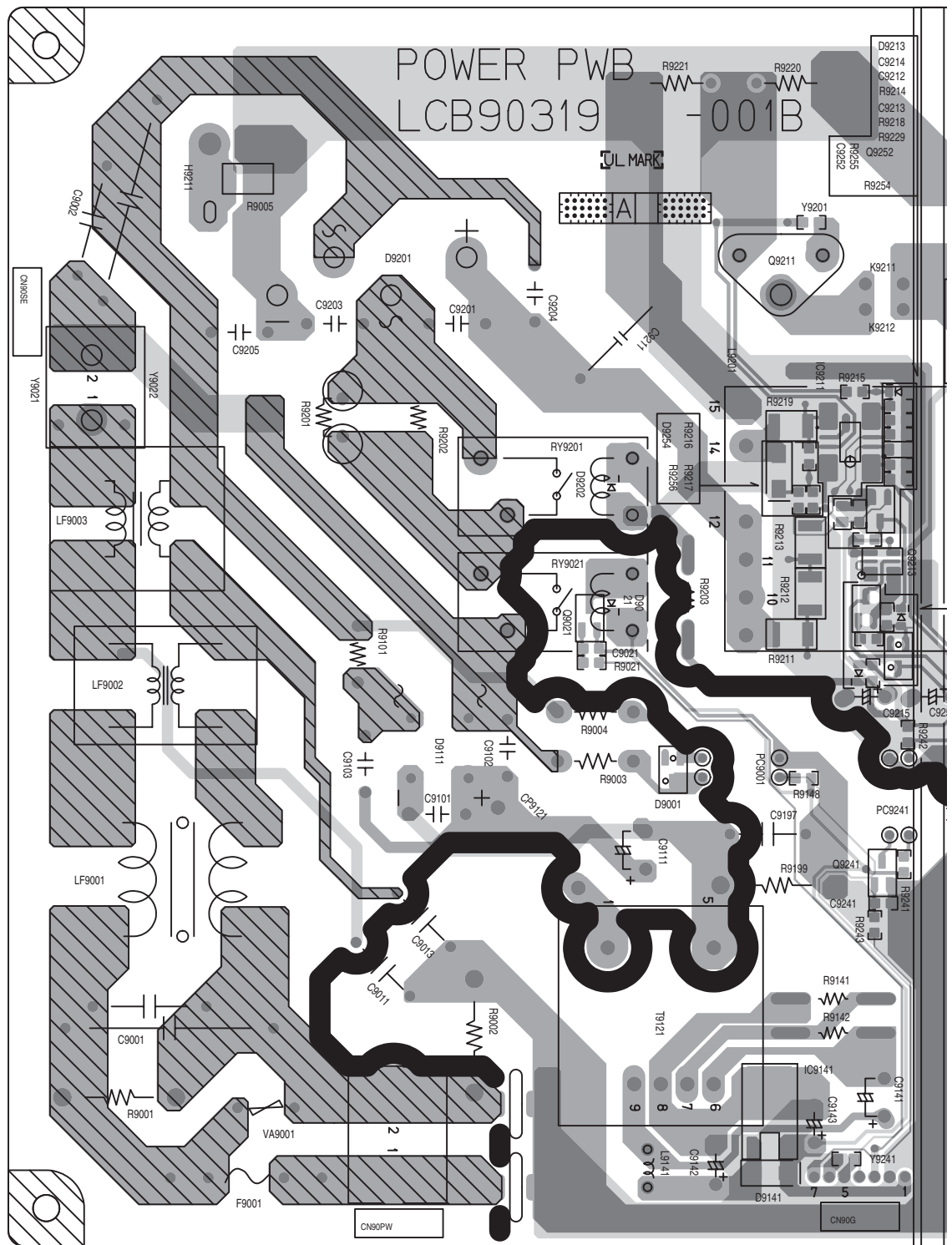


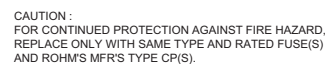


MAIN DRIVE PWB PATTERN [PARTS SIDE]



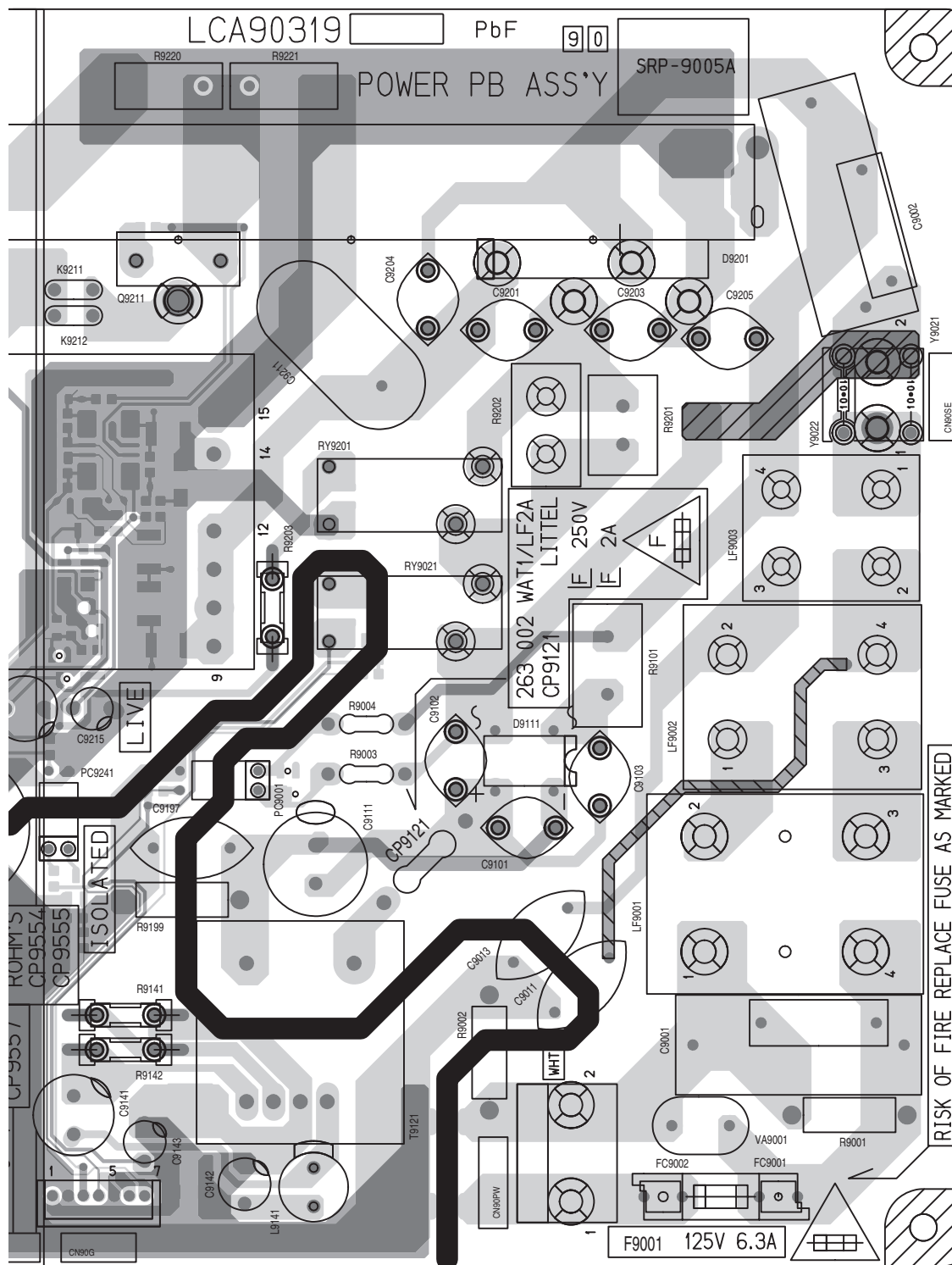




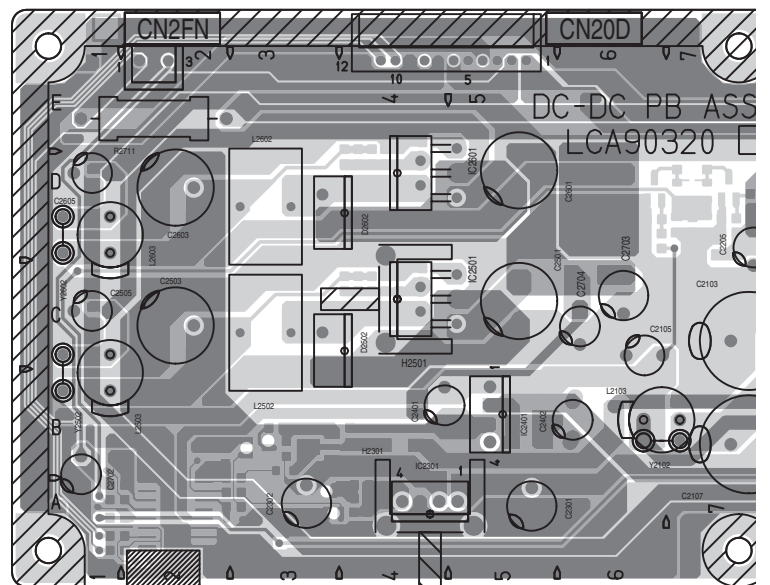




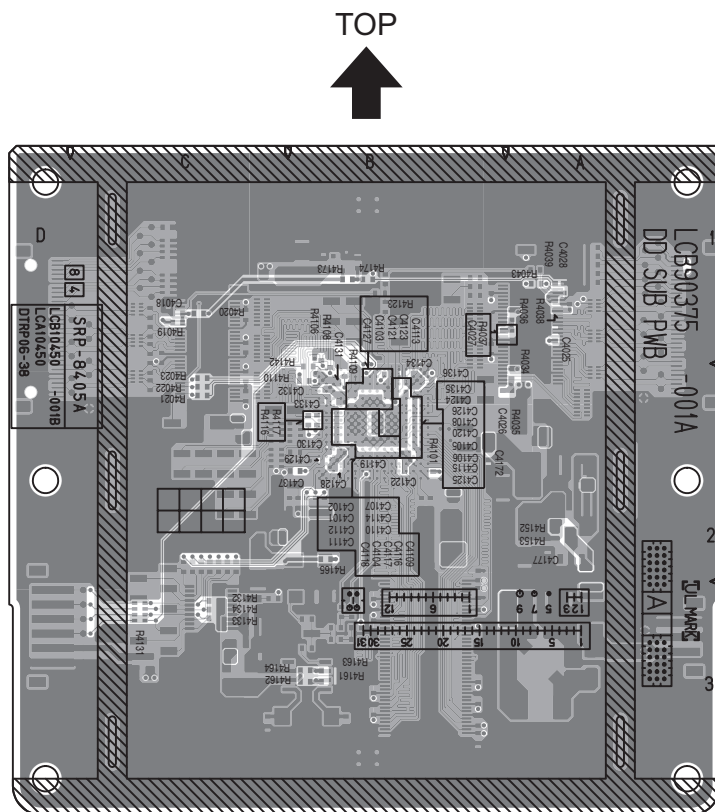
CAUTION :
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH SAME TYPE AND RATED FUSE(S)
AND ROHM'S MFR'S TYPE CP(S).



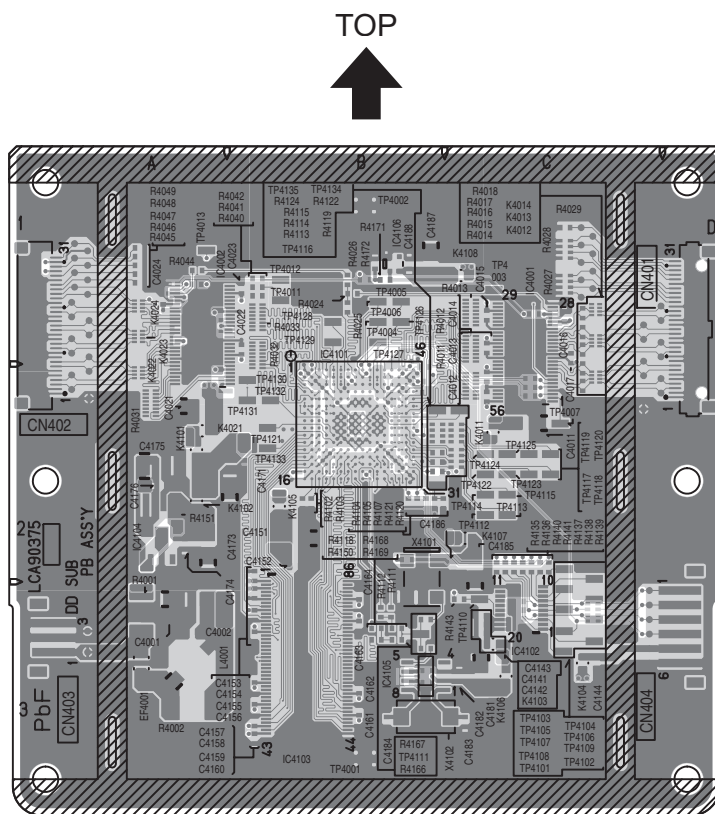
REGULATOR PWB PATTERN [PARTS SIDE]



SUB DRIVE PWB PATTERN [SOLDER SIDE]

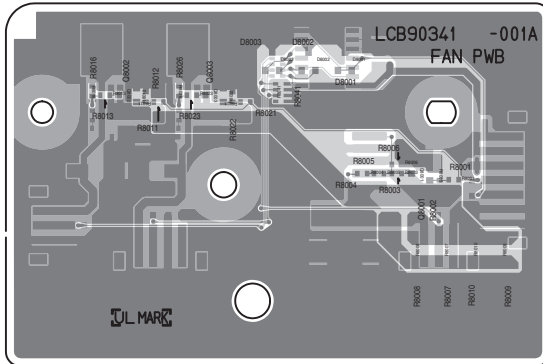


SUB DRIVE PWB PATTERN [PARTS SIDE]



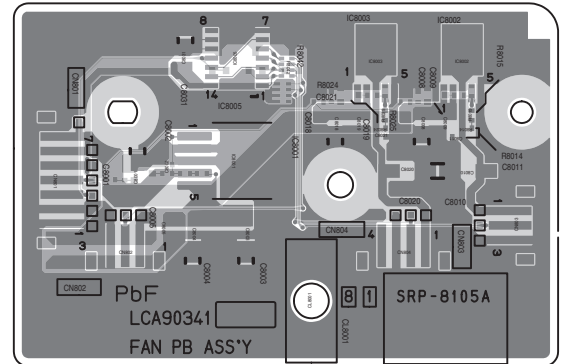
FAN CONTROL PWB PATTERN [SOLD SIDE]

FRONT



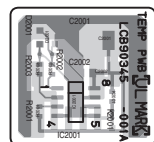
FAN CONTROL PWB PATTERN [PARTS SIDE]

FRONT



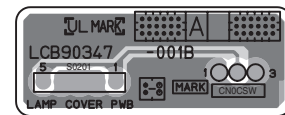
TEMP. SENSOR PWB PATTERN [SOLDER SIDE]

TOP



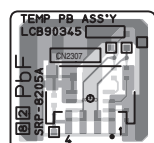
LAMP COVER SW PWB PATTERN [SOLDER SIDE]

TOP



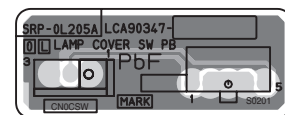
TEMP. SENSOR PWB PATTERN [PARTS SIDE]

TOP

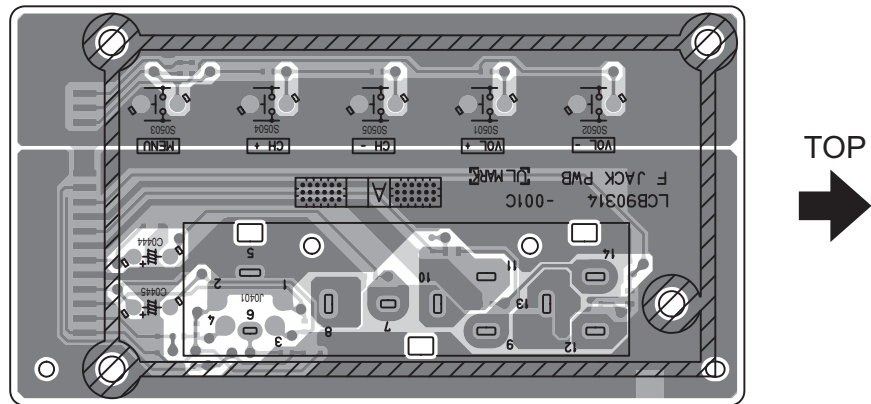


LAMP COVER SW PWB PATTERN [PARTS SIDE]

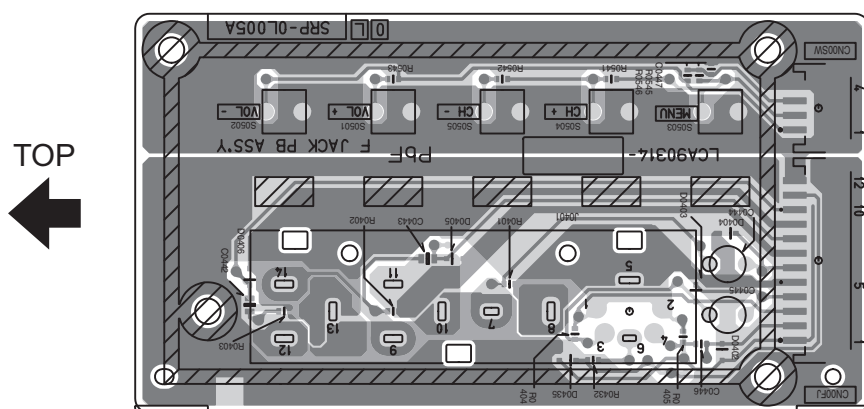
TOP



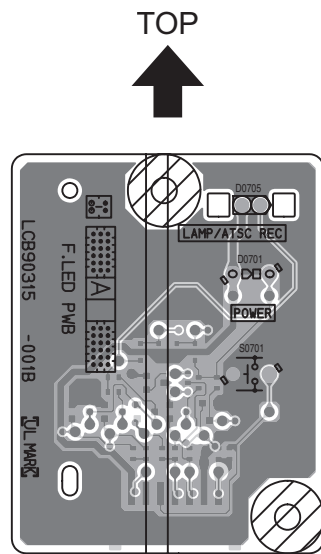
SIDE CONTROL PWB PATTERN [SOLDER SIDE]



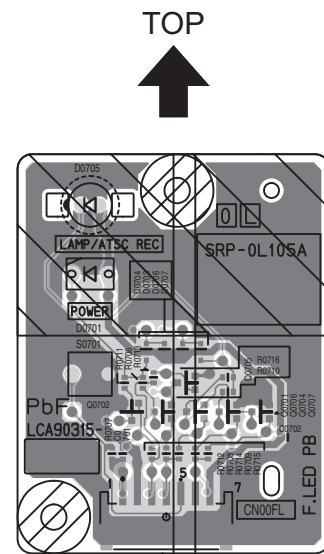
SIDE CONTROL PWB PATTERN [PARTS SIDE]



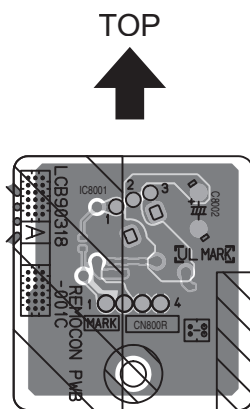
FRONT LED PWB PATTERN [SOLDER SIDE]



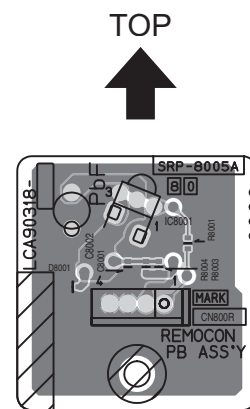
FRONT LED PWB PATTERN [PARTS SIDE]



REMOTE SENSOR PWB PATTERN [SOLDER SIDE]



REMOTE SENSOR PWB PATTERN [PARTS SIDE]



CHANNEL CHART (US)

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02		I
			03		
			04		
			05		
			06		
		VH	07		II
			08		
			09		
			10		
			11		
			12		
			13		
×	○	MID	A	14	I
			B	15	
			C	16	
			D	17	
			E	18	
			F	19	
			G	20	
			H	21	
			I	22	
		SUPER	J	23	II
			K	24	
			L	25	
			M	26	
			N	27	
			O	28	
			P	29	
			Q	30	
			R	31	
			S	32	
			T	33	
			U	34	
			V	35	
			W	36	
		HYPER	W+1	37	IV
			W+2	38	
			W+3	39	
			W+4	40	
			W+5	41	
			W+6	42	
			W+7	43	
			W+8	44	
			W+9	45	
			W+10	46	
			W+11	47	
			W+12	48	
			W+13	49	
			W+14	50	
			W+15	51	
			W+16	52	
			W+17	53	
			W+18	54	
			W+19	55	
			W+20	56	
		ULTRA	W+21	57	
			W+22	58	
			W+23	59	
			W+24	60	
			W+25	61	
			W+26	62	
			W+27	63	
			W+28	64	
			W+29	65	
			W+30	66	
			W+31	67	
			W+32	68	
			W+33	69	
			W+34	70	

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
×	○	ULTRA	W+35	71	IV
			W+36	72	
			W+37	73	
			W+38	74	
			W+39	75	
			W+40	76	
			W+41	77	
			W+42	78	
			W+43	79	
			W+44	80	
			W+45	81	
			W+46	82	
			W+47	83	
			W+48	84	
			W+49	85	
			W+50	86	
			W+51	87	
			W+52	88	
			W+53	89	
			W+54	90	
			W+55	91	
			W+56	92	
			W+57	93	
			W+58	94	
			W+59	100	
			W+60	101	
			W+61	102	
			W+62	103	
			W+63	104	
			W+64	105	
			W+65	106	
			W+66	107	
			W+67	108	
			W+68	109	
			W+69	110	
			W+70	111	
			W+71	112	
			W+72	113	
			W+73	114	
			W+74	115	
			W+75	116	
			W+76	117	
			W+77	118	
			W+78	119	
			W+79	120	
			W+80	121	
			W+81	122	
			W+82	123	
			W+83	124	
			W+84	125	
		SUB MID	A-8	01	I
			A-4	96	
			A-3	97	
			A-2	98	
			A-1	99	
○	×	UHF	14	69	IV
TOTAL 180CH VHF 124CH UHF 56CH					
NOTE: TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES. SPECIAL ADAPTERS MAY BE REQUIRED.					

CHANNEL CHART (CA)

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02		I
			03		
			04		
			05		
			06		
		VH	07		
			08		
			09		
			10		
			11		
			12		
			13		
		MID	A	14	II
			B	15	
			C	16	
			D	17	
			E	18	
			F	19	
			G	20	
			H	21	
			I	22	
×	○	SUPER	J	23	
			K	24	
			L	25	
			M	26	
			N	27	
			O	28	
			P	29	
			Q	30	
			R	31	
			S	32	
			T	33	
			U	34	
		HYPER	V	35	III
			W	36	
			W+1	37	
			W+2	38	
			W+3	39	
			W+4	40	
			W+5	41	
			W+6	42	
			W+7	43	
			W+8	44	
			W+9	45	
			W+10	46	
			W+11	47	
			W+12	48	
			W+13	49	
			W+14	50	
			W+15	51	
			W+16	52	
			W+17	53	
			W+18	54	
			W+19	55	
			W+20	56	
			W+21	57	
			W+22	58	
			W+23	59	
			W+24	60	
			W+25	61	
			W+26	62	
			W+27	63	
			W+28	64	
		ULTRA	W+29	65	IV
			W+30	66	
			W+31	67	
			W+32	68	
			W+33	69	
			W+34	70	

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
×	○	ULTRA	W+35	71	IV
			W+36	72	
			W+37	73	
			W+38	74	
			W+39	75	
			W+40	76	
			W+41	77	
			W+42	78	
			W+43	79	
			W+44	80	
			W+45	81	
			W+46	82	
			W+47	83	
			W+48	84	
			W+49	85	
			W+50	86	
			W+51	87	
			W+52	88	
			W+53	89	
			W+54	90	
			W+55	91	
			W+56	92	
			W+57	93	
			W+58	94	
			W+59	100	
			W+60	101	
			W+61	102	
			W+62	103	
			W+63	104	
			W+64	105	
			W+65	106	
			W+66	107	
			W+67	108	
			W+68	109	
			W+69	110	
			W+70	111	
			W+71	112	
			W+72	113	
			W+73	114	
			W+74	115	
			W+75	116	
			W+76	117	
			W+77	118	
			W+78	119	
			W+79	120	
			W+80	121	
			W+81	122	
			W+82	123	
		W+83	124		
		W+84	125		
		SUB MID	A-8	01	I
			A-4	96	
			A-3	97	II
			A-2	98	
		A-1	99		
○	×	UHF	14 } 69	IV	
TOTAL 180CH { VHF 124CH UHF 56CH					
NOTE: TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES. SPECIAL ADAPTERS MAY BE REQUIRED.					

JVC SERVICE & ENGINEERING COMPANY OF AMERICA
DIVISION OF JVC AMERICAS CORP.

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JVC CANADA INC.

Head office : 21 Finchdene Square Scarborough, Ontario M1X 1A7

(416)293-1311

JVC®

PARTS LIST

REVISED

CAUTION

- The parts identified by the Δ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

CONTENTS

USING P.W. BOARD & REMOTE CONTROL UNIT	3-3
EXPLODED VIEW PARTS LIST -1	3-4
EXPLODED VIEW -1	3-5
EXPLODED VIEW PARTS LIST -2	3-6
EXPLODED VIEW -2	3-6
EXPLODED VIEW PARTS LIST -3	3-7
EXPLODED VIEW -3	3-8
EXPLODED VIEW PARTS LIST -4	3-9
EXPLODED VIEW -4	3-10
EXPLODED VIEW PARTS LIST -5	3-11
EXPLODED VIEW -5	3-11

PRINTED WIRING BOARD PARTS LIST [HD-52Z575]	3-13
ANALOG SIGNAL P.W. BOARD ASS'Y(SRP-1005A-M2)	3-13
REGULATOR P.W. BOARD ASS'Y (SRP-2005A-M2)	3-15
MAIN DRIVE P.W. BOARD ASSY (SRP-3005A-M2)	3-15
REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)	3-19
FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)	3-19
TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)	3-20
SUB DRIVE P.W. BOARD ASS'Y(SRP-8405A-M2)	3-20
POWER P.W. BOARD ASS'Y (SRP-9005A-M2)	3-21
DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D007A-M2)	3-22
REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)	3-28
SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)	3-29
FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)	3-29
LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)	3-29
RECEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)	3-29

PRINTED WIRING BOARD PARTS LIST [HD-52Z585]	3-32
ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1005A-M2)	3-32
REGULATOR P.W. BOARD ASS'Y (SRP-2005A-M2)	3-32
MAIN DRIVE P.W. BOARD ASSY (SRP-3005A-M2)	3-32
REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)	3-32
FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)	3-32
TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)	3-32
SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)	3-32
POWER P.W. BOARD ASS'Y (SRP-9005A-M2)	3-32
DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D005A-M2)	3-32
REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)	3-38
SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)	3-38
FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)	3-38
LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)	3-38
RECEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)	3-38

PRINTED WIRING BOARD PARTS LIST [HD-61Z575]	3-39
ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1005A-M2)	3-39
REGULATOR P.W. BOARD ASS'Y (SRP-2005A-M2)	3-39
MAIN DRIVE P.W. BOARD ASSY (SRP-3005A-M2)	3-39
REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)	3-39
FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)	3-39
TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)	3-39
SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)	3-39
POWER P.W. BOARD ASS'Y (SRP-9005A-M2)	3-39
DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D008A-M2)	3-39
REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)	3-45
SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)	3-45
FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)	3-45
LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)	3-45
RECEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)	3-45

PRINTED WIRING BOARD PARTS LIST [HD-61Z585]	3-46
ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1005A-M2)	3-46
REGULATOR P.W. BOARD ASS'Y (SRP-2005A-M2)	3-46
MAIN DRIVE P.W. BOARD ASS'Y (SRP-3005A-M2)	3-46
REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)	3-46
FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)	3-46
TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)	3-46
SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)	3-46
POWER P.W. BOARD ASS'Y (SRP-9005A-M2)	3-46
DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D006A-M2)	3-46
REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)	3-52
SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)	3-52
FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)	3-52
LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)	3-52
RECEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)	3-52
REMOTE CONTROL UNIT PARTS LIST (RM-C15G-1H)	3-52
PACKING	3-53
PACKING PARTS LIST	3-53

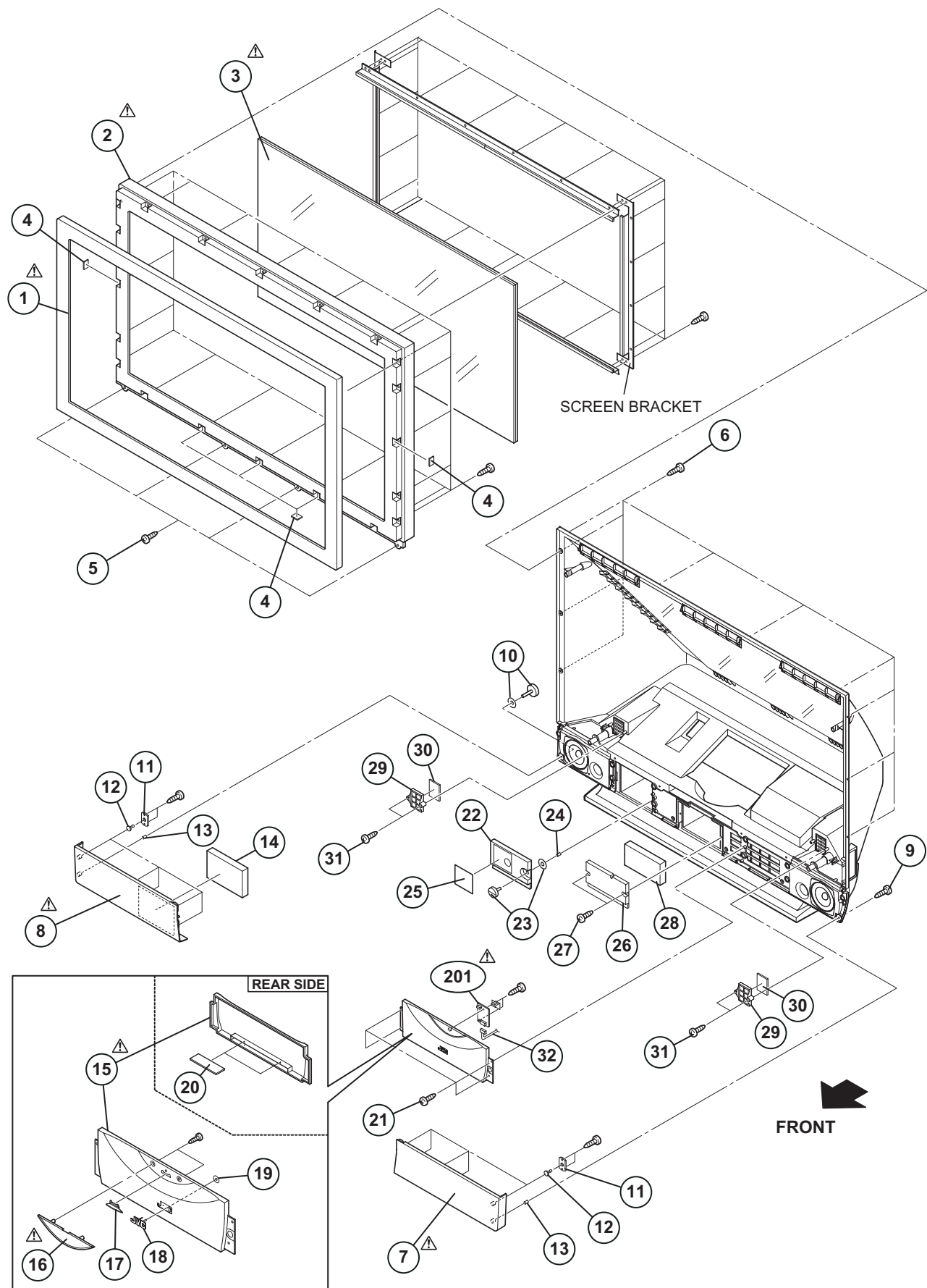
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	HD-52Z575	HD-52Z585	HD-61Z575	HD-61Z585
ANALOG SIGNAL P.W.B	SRP-1005A-M2	←	←	←
REGULATOR P.W.B	SRP-2005A-M2	←	←	←
MAIN DRIVE P.W.B	SRP-3005A-M2	←	←	←
REMOTE SENSOR P.W.B	SRP-8005A-M2	←	←	←
FAN CONTROL P.W.B	SRP-8105A-M2	←	←	←
TEMP SENSOR P.W.B	SRP-8205A-M2	←	←	←
SUB DRIVE P.W.B	SRP-8405A-M2	←	←	←
POWER P.W.B	SRP-9005A-M2	←	←	←
DIGITAL SIGNAL P.W.B	SRP0D007A-M2	SRP0D005A-M2	SRP0D008A-M2	SRP0D006A-M2
REAR JACK P.W.B	SRP0J005A-M2	←	←	←
SIDE CONTROL P.W.B	SRP0L005A-M2	←	←	←
FRONT LED P.W.B	SRP0L105A-M2	←	←	←
LAMP COVER SW P.W.B	SRP0L205A-M2	←	←	←
RECEIVER P.W.B	SRP0R005A-M2	←	←	←
REMOTE CONTROL UNIT	RM-C15G-1H	←	←	←

EXPLODED VIEW PARTS LIST -1

△	Ref.No.	Part No.	Part Name	Description	Local
△	1	LC11870-001A-A	FRONT PANEL		HD-52Z575,HD-52Z585
△	1	LC11915-001B-A	FRONT PANEL		HD-61Z575,HD-61Z585
△	2	LC11869-002A-A	FRONT CABINET		HD-52Z575
△	2	LC11869-001A-A	FRONT CABINET		HD-52Z585
△	2	LC11914-002B-A	FRONT CABINET		HD-61Z575
△	2	LC11914-001B-A	FRONT CABINET		HD-61Z585
△	3	52SC-001A-M2	SCREEN ASSY	Inc.FRESNEL LENS/LENTICULAR LENS	HD-52Z575,HD-52Z585
△	3	61SC-001A-M2	SCREEN ASSY	Inc.FRESNEL LENS/LENTICULAR LENS	HD-61Z575,HD-61Z585
△	4	LC41721-006A-A	SPACER	(x5)	HD-52Z575,HD-52Z585
△	5	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
△	6	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x10)	
△	7	LC11872-004B-A	SPEAKER GRILL RIGHT		HD-52Z575
△	7	LC11872-002B-A	SPEAKER GRILL RIGHT		HD-52Z585
△	7	LC11917-004D-A	SPEAKER GRILL RIGHT		HD-61Z575
△	7	LC11917-002D-A	SPEAKER GRILL RIGHT		HD-61Z585
△	8	LC11872-003B-A	SPEAKER GRILL LEFT		HD-52Z575
△	8	LC11872-001B-A	SPEAKER GRILL LEFT		HD-52Z585
△	8	LC11917-003D-A	SPEAKER GRILL LEFT		HD-61Z575
△	8	LC11917-001D-A	SPEAKER GRILL LEFT		HD-61Z585
△	9	QYSPSPD4012MA	SCREW	For SPEAKER GRILL RIGHT	
△	10	LC41984-001A-A	KNOB SCREW	For SPEAKER GRILL LEFT	
△	11	LC32692-002A-A	STRIKER	(x10)	
△	12	LC32692-001A-A	STRIKER	(x10)	
△	13	LC41960-001A-A	INSERT NUT	(x2)	
△	14	LC32897-002A-A	SOUND ABSORBER		HD-52Z575,HD-52Z585
△	14	LC32897-003A-A	SOUND ABSORBER		HD-61Z575,HD-61Z585
△	15	LC11876-002A-A	CENTER PANEL		HD-52Z575
△	15	LC11876-001A-A	CENTER PANEL		HD-52Z585
△	15	LC11949-002B-A	CENTER PANEL		HD-61Z575
△	15	LC11949-001B-A	CENTER PANEL		HD-61Z585
△	16	LC32791-002C-0K	POWER KNOB ASSY		HD-52Z575,HD-61Z575
△	16	LC32791-001C-0K	POWER KNOB ASSY		HD-52Z585,HD-61Z585
△	17	LC32623-001B-A	LED LENS		
△	18	LC32707-002A-C	JVC MARK		HD-52Z575,HD-61Z575
△	18	LC32707-001A-C	JVC MARK		HD-52Z585,HD-61Z585
△	19	QYNSS2000P	PUSH NUT		
△	20	LC41721-004A-A	SPACER		HD-52Z575,HD-52Z585
△	20	LC41721-004A-A	SPACER	(x2)	HD-61Z575,HD-61Z585
△	21	QYSBSF4012ZA	TAP SCREW	For CENTER PANEL(x4)	
△	22	LC12047-001A-A	LAMP COVER		
△	23	LC41984-001A-A	KNOB SCREW	For LAMP COVER	
△	24	LC41960-001A-A	INSERT NUT		
△	25	LC32880-001A-A	WARNING SHEET		
△	26	LC21590-001A-A	CENTER COVER		
△	27	QYSBSFG4016MA	TAP SCREW	For CENTER COVER(x2)	
△	28	LC32897-001A-A	SOUND ABSORBER		
△	29	LC21539-001A-A	FILTER COVER	(x2)	
△	30	LC32621-001A-A	BACK FILTER	(x2)	
△	31	QYSBSFG4016MA	TAP SCREW	For BACK FILTER(x4)	
△	32	WJJ0486-001A	E-SI C WIRE C-C	"FL"	
△	201	SRP0L105A-M2	FRONT LED PWB		

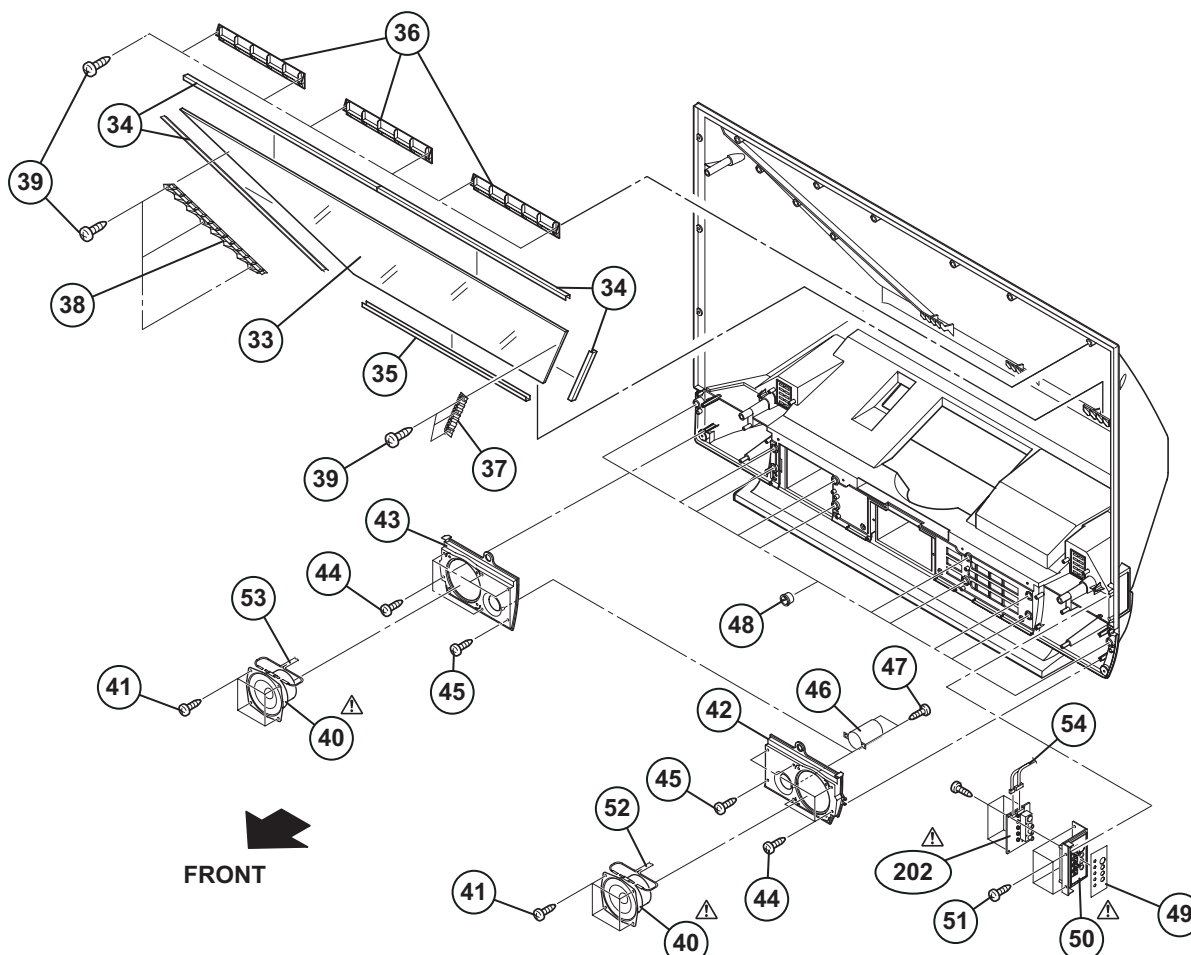
EXPLODED VIEW -1



EXPLODED VIEW PARTS LIST -2

△ Ref.No.	Part No.	Part Name	Description	Local
33	LC32619-002B-A	GLASS MIRROR		HD-52Z575,HD-52Z585
33	LC32619-001B-A	GLASS MIRROR		HD-61Z575,HD-61Z585
34	LC32447-011A-A	STICK SHEET	(x4)	HD-52Z575,HD-52Z585
34	LC32447-017A-A	STICK SHEET	(x4)	HD-61Z575,HD-61Z585
35	LC32447-010A-A	STICK SHEET		HD-52Z575,HD-52Z585
35	LC32447-016A-A	STICK SHEET		HD-61Z575,HD-61Z585
36	LC21537-001A-A	MIRROR HOLDER TOP	(x3)	
37	LC21538-002A-A	MIRROR HOLDER RIGHT		
38	LC21538-001A-A	MIRROR HOLDER LEFT		
39	QYSBSFG4016MA	TAP SCREW	For MIRROR HOLDER(x12)	
△ 40	QAS0251-001	SPEAKER	SP01/SP02(x2)	
41	QYSBSFG4016MA	TAP SCREW	For SPEAKER(x8)	
42	LC11939-002B-A	SPEAKER PLATE		HD-52Z575,HD-52Z585
42	LC11950-002B-A	SPEAKER PLATE		HD-61Z575,HD-61Z585
43	LC11939-001B-A	SPEAKER PLATE		HD-52Z575,HD-52Z585
43	LC11950-001B-A	SPEAKER PLATE		HD-61Z575,HD-61Z585
44	QYSBSFG4016MA	TAP SCREW	For SPEAKER PLATE(x10)	
45	QYSBSFG4012MA	TAP SCREW	For SPEAKER PLATE(x2)	HD-52Z575,HD-52Z585
45	QYSBSFG4016MA	TAO SCREW	For SPEAKER PLATE(x2)	HD-61Z575,HD-61Z585
46	LC32797-001A-A	SPEAKER PORT	(x2)	HD-52Z575,HD-52Z585
47	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
48	LC32810-001A-A	CATCHER	(x10)	
49	LC32626-001B-A	OPERATION SHEET		
△ 50	LC21589-001A-A	SIDE CONTROL BASE		
51	QYSBSFG4016MA	TAP SCREW	For SIDE CONTROL BASE(x4)	
52	WJJ0487-002A	E-SI C WIRE C-C	"SPR"	
53	WJJ0487-001A	E-SI C WIRE C-C	"SPL"	
54	WJZ0139-001A	E-HARNESS ASSY	"FJ"/"SW"	
△ 202	SRP0L005A-M2	SIDE CONTROL PWB		

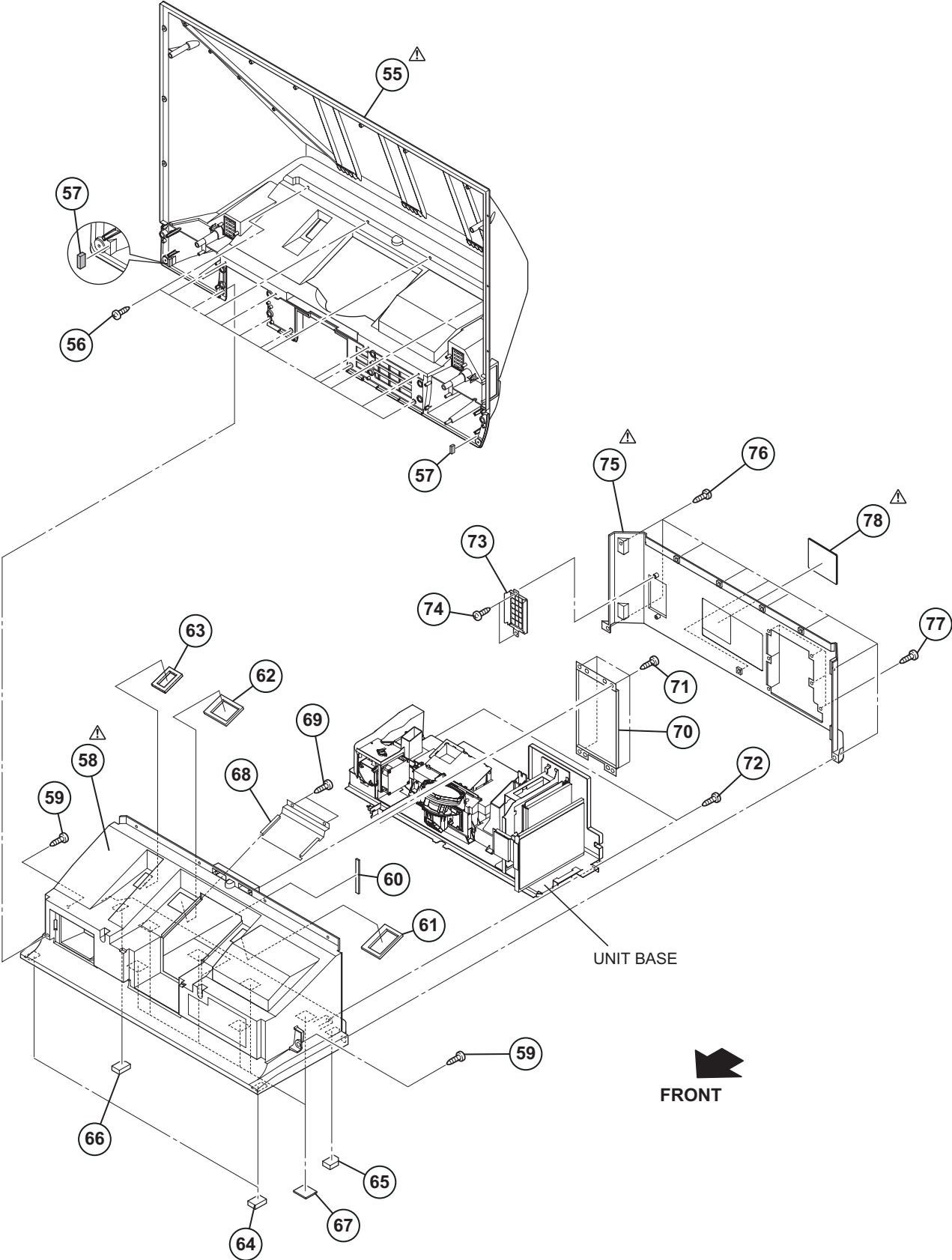
EXPLODED VIEW -2



EXPLODED VIEW PARTS LIST -3

△	Ref.No.	Part No.	Part Name	Description	Local
△	55	LC11871-001C-A	BACK COVER		HD-52Z575
△	55	LC11871-001D-A	BACK COVER		HD-52Z585
△	55	LC11916-001C-A	BACK COVER		HD-61Z575,HD-61Z585
	56	QYSBSFG4016MA	TAP SCREW	For BACK COVER(x13)	
	57	LC32447-040A-A	STICK SHEET	(x2)	HD-52Z575,HD-52Z585
△	58	LC11868-002C-A	BODY		HD-52Z575,HD-61Z575
△	58	LC11868-001C-A	BODY		HD-52Z585,HD-61Z585
	59	QYSBSFG4016MA	TAP SCREW	For BODY(x2)	
	60	LC32447-034A-A	STICK SHEET	(x2)	
	61	LC32633-001B-A	SPONGE		
	62	LC32801-001B-A	SPONGE		
	63	LC32809-001B-A	SPONGE		
	64	LC32861-001A-A	FOOT F	(x2)	
	65	LC32862-002A-A	FOOT B		
	66	LC32862-001A-A	FOOT B		
	67	LC32870-001A-A	PLATE	(x6)	
	68	LC32754-001A-A	TOP SHADE BRACKET		
	69	QYSBSFG4016MA	TAP SCREW	For TOP SHADE BRACKET(x2)	
	70	LC11943-001B-A	BODY BRACKET		
	71	QYSBSFG4016MA	TAP SCREW	For BODY BRACKET(x4)	
	72	QYSBSFG4016MA	TAP SCREW	For UNIT BASE BRACKET(x2)	
	73	LC21690-001A-A	LAMP DUCT BRACKET		
	74	QYSBSFG4016MA	TAP SCREW	For LAMP DUCT BRACKET(x2)	
△	75	LC11873-001C-A	BODY COVER		
	76	QYSBSFG4016MA	TAP SCREW	For BODY COVER(x9)	
	77	QYSBSFG4016MA	TAP SCREW	For AV BOARD(x6)	
△	78	LC32830-001A-A	RATING LABEL		

EXPLODED VIEW -3



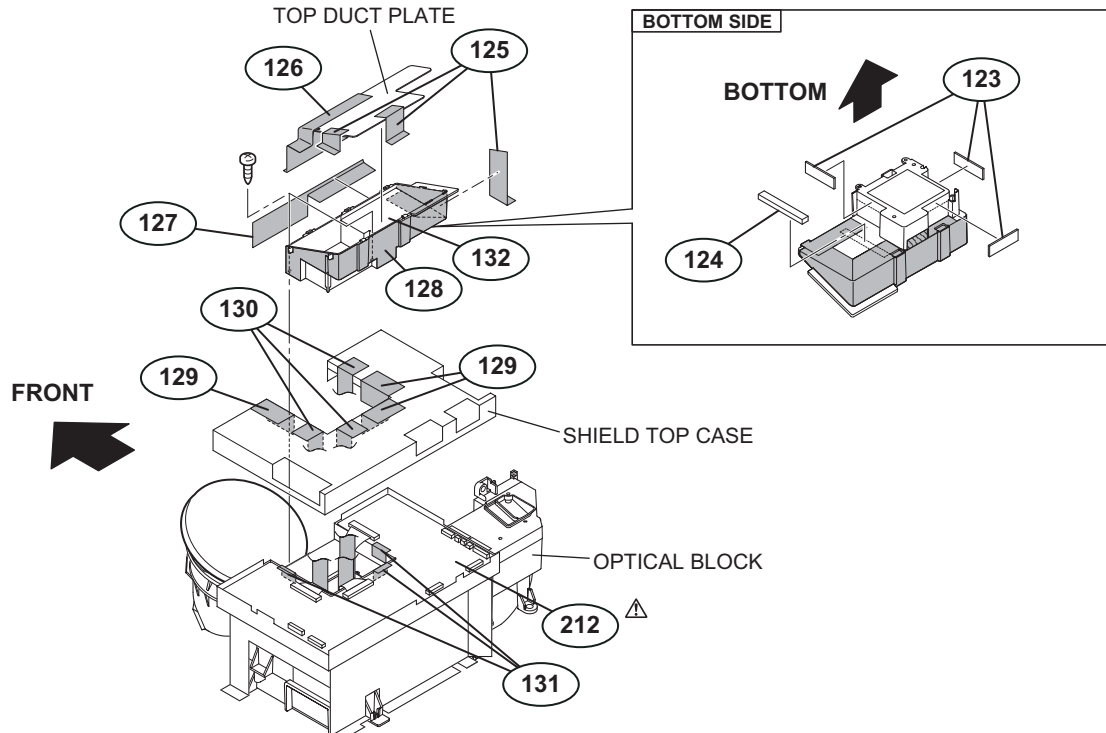
EXPLODED VIEW PARTS LIST -4

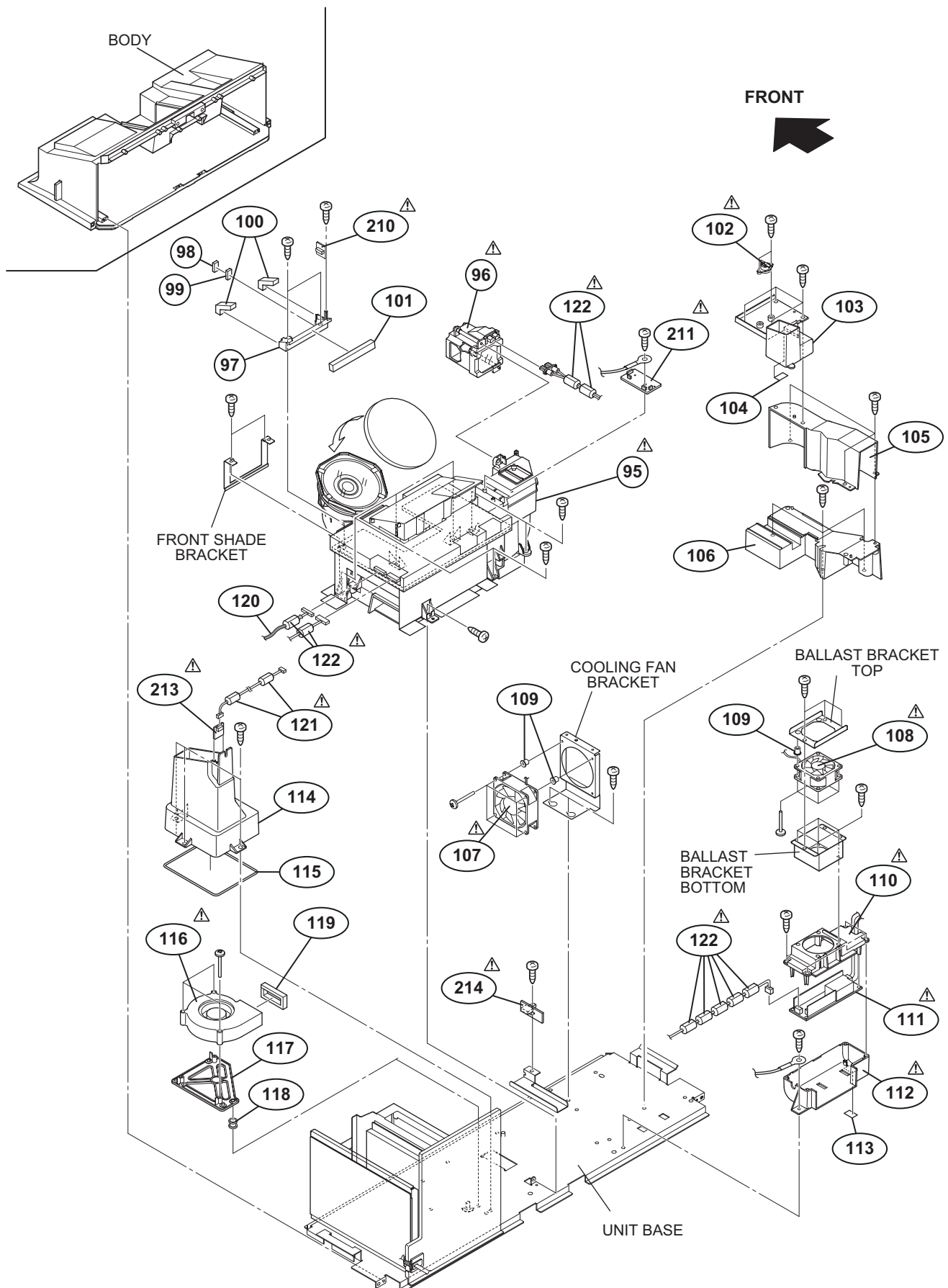
△ Ref.No.	Part No.	Part Name	Description	Local
△ 79	LC11880-001C-A	AV BOARD		
80	QYSBSF3012MA	TAP SCREW	M3 x 12mm(x5)	
81	QYSBSFG4016MA	TAP SCREW	M4 x 16mm	
82	QAM0493-001	F CABLE		
△ 83	QMPD290-200-JC	POWER CORD(US/CA)	2m BLACK	
△ 84	LC20106-001D-A	POWER CORD CLAMP		
85	LC31981-008A	GASKET TAPE		
86	LC42031-009A	SHIELD TAPE	(x2)	
87	QUQ105-3015AE	FFC WIRE	30pin 15cm(x2)	
88	QUQ105-4013AE	FFC WIRE	40pin 13cm	
89	QUQ105-5013AE	FFC WIRE	50pin 13cm(x4)	
90	WJZ0140-001A	E-HARNESS ASSY	"FJ"/"FL"/"SW"	
91	WJJ0485-001A	E-SI C WIRE C-C	"SPL"/"SPR"	
△ 92	QQR0490-001	NOISE FILTER	(x3)	
△ 93	QQR0491-001	FERRITE CORE	(x4)	
△ 94	QQR0942-001	CORE FILTER		
△ 203	SRP-9005A-M2	POWER PWB		
△ 204	SRP0D007A-M2	DIGITAL SIGNAL PWB		HD-52Z575
△ 204	SRP0D005A-M2	DIGITAL SIGNAL PWB		HD-52Z585
△ 204	SRP0D008A-M2	DIGITAL SIGNAL PWB		HD-61Z575
△ 204	SRP0D006A-M2	DIGITAL SIGNAL PWB		HD-61Z585
△ 205	SRP-8405A-M2	SUB DRIVE PWB		
△ 206	SRP-2005A-M2	REGURATOR PWB		
△ 207	SRP-1005A-M2	ANALOG SIGNAL PWB		
△ 208	SRP0R005A-M2	RECEIVER PWB		
△ 209	SRP0J005A-M2	REAR JACK PWB		

EXPLODED VIEW PARTS LIST -5

△	Ref.No.	Part No.	Part Name	Description	Local
△	95	TS-COP5A-SAA	OPTICAL/DRIVE ASSY	Inc.D-ILA DEVICE/MAIN DRIVE PWB/PJ LENS	
△	96	TS-CL110UAA	LAMP UNIT	Inc.Accessory	
	97	LC11986-001B-A	SHADE COVER		
	98	LC42027-001A-A	PJ CUSHION		
	99	LC42028-003A-A	FIX PLATE		
	100	LC32447-034A-A	STICK SHEET	(x2)	
	101	LC32447-028A-A	STICK SHEET		
△	102	QMR0011-001	TH PROTECTOR		
	103	LC11967-001B	DUCT PCS		
	104	LC42029-001A	SPACER		
	105	LC11888-001C-A	LAMP DUCT TOP		
	106	LC11889-001B-A	LAMP DUCT BOTTOM		
△	107	QAR0331-001	COOLING FAN		
△	108	QAR0332-001	COOLING FAN		
	109	LC42034-001A-A	WELL NUT	(x6)	
△	110	LC11985-001B-A	BALLAST COVER		
△	111	QAL0568-001	LAMP BALLAST UNIT		
△	112	LC11948-001B-A	BALLAST HOLDER		
	113	LC32447-041A-A	STICK SHEET		
	114	LC11886-001C-A	SIROCCO CASE TOP		
	115	LC32447-027A-A	STICK SHEET		
△	116	QAR0335-001	COOLING FAN		
	117	LC21682-001B-A	SIROCCO HOLDER		
	118	LC40113-002A	SPACER(CUSHION)	(x3)	
	119	LC32447-026A-A	STICK SHEET		
	120	LC31981-008A	GASKET TAPE		
△	121	QQR0490-001	NOISE FILTER	(x2)	
△	122	QQR0491-001	FERRITE CORE	(x9)	
	123	LC41836-002A-A	OPT P CUSHION	(x3)	
	124	LC41546-014A	GASKET		
	125	LC42031-005A-A	SHIELD TAPE	(x3) 80mm x 40mm	
	126	LC31981-007A	GASKET TAPE		
	127	LC42023-001A-A	SHIELD PLATE		
	128	LC32891-001A-A	SHIELD PLATE(A)		
	129	LC42031-004A-A	SHIELD TAPE	(x3) 40mm x 40mm	
	130	LC42010-001A	SHIELD TAPE	FPC SHIELD	
	131	LC42031-007A-A	SHIELD TAPE	(x3) 20mm x 20mm	
	132	LC21567-001A	TOP DUCT		
△	210	SRP-8005A-M2	REMOTE SENSOR PWB		
△	211	SRP-8105A-M2	FAN CONTROL PWB		
△	212	SRP-3005A-M2	MAIN DRIVE PWB		
△	213	SRP-8205A-M2	TEMP SENSOR PWB		
△	214	SRP0L205A-M2	LAMP COVER SW PWB		

EXPLODED VIEW -5





PRINTED WIRING BOARD PARTS LIST [HD-52Z575]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1005A-M2)

△Ref No.	Part No.	Part Name	Description Local
IC201	TA1370FG-X	IC	
IC202	SN74AHC1G08V-X	IC	
IC301	AN15852A	IC	
IC501	CXA2069Q	IC	
IC801	TB1274AF	IC	
IC802	TC90A69AF-X	IC	
IC803	BA05FP-X	IC	
IC902	TA48M033F-X	IC	
Q301	2SC3837K/NP/-X	TRANSISTOR	
Q302	2SC3837K/NP/-X	TRANSISTOR	
Q303	2SC3837K/NP/-X	TRANSISTOR	
Q304	2SC3837K/NP/-X	TRANSISTOR	
Q305	2SC3837K/NP/-X	TRANSISTOR	
Q306	2SC3837K/NP/-X	TRANSISTOR	
Q307	2SA1530A/QR/-X	TRANSISTOR	
Q402	2SK1374-X	MOS FET	
Q403	2SK1374-X	MOS FET	
Q404	2SK1374-X	MOS FET	
Q405	2SK1374-X	MOS FET	
Q801	2SA1530A/QR/-X	TRANSISTOR	
Q802	2SA1530A/QR/-X	TRANSISTOR	
Q810	2SA1530A/QR/-X	TRANSISTOR	
Q851	2SA1530A/QR/-X	TRANSISTOR	
Q853	2SC3928A/QR/-X	TRANSISTOR	
Q854	2SC3928A/QR/-X	TRANSISTOR	
Q855	2SA1530A/QR/-X	TRANSISTOR	
Q858	2SC3928A/QR/-X	TRANSISTOR	
Q859	2SA1530A/QR/-X	TRANSISTOR	
Q862	2SC3928A/QR/-X	TRANSISTOR	
Q863	2SC3928A/QR/-X	TRANSISTOR	
Q901	2SC3074/OY/-X	TRANSISTOR	
QB613	2SC3928A/QR/-X	TRANSISTOR	
D501	MA8100/M/-X	Z DIODE	
D903	PTZ11B-X	Z DIODE	
D904	PTZ6.8B-X	Z DIODE	
DB201	MA8033-X	Z DIODE	
DB604	MA111-X	SI DIODE	
DB606	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
C201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C202	NEH71HM-225X	E CAPACITOR	2.2uF 50V M
C203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C204	NEH71AM-107X	E CAPACITOR	100uF 10V M
C205	NEH71HM-105X	E CAPACITOR	1uF 50V M
C206	NCB11CK-105X	C CAPACITOR	1uF 16V K
C207	NCB31AK-105X	C CAPACITOR	1uF 10V K
C301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C302	NEH71CM-476X	E CAPACITOR	47uF 16V M
C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C307	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C308	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C319	NEH71CM-476X	E CAPACITOR	47uF 16V M
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C321	NEH71CM-106X	E CAPACITOR	10uF 16V M
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C323	NEH71CM-476X	E CAPACITOR	47uF 16V M
C324	NCB11CK-105X	C CAPACITOR	1uF 16V K
C325	NCB11CK-105X	C CAPACITOR	1uF 16V K
C326	NCB11CK-105X	C CAPACITOR	1uF 16V K
C327	NCB11CK-105X	C CAPACITOR	1uF 16V K
C328	NCB11CK-105X	C CAPACITOR	1uF 16V K
C329	NCB11CK-105X	C CAPACITOR	1uF 16V K
C330	NCB11CK-105X	C CAPACITOR	1uF 16V K
C335	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C336	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C337	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C339	NCB11CK-105X	C CAPACITOR	1uF 16V K
C340	NCB11CK-105X	C CAPACITOR	1uF 16V K
C341	MA8100/M/-X	Z DIODE	
C342	MA8100/M/-X	Z DIODE	
C343	NCB11CK-105X	C CAPACITOR	1uF 16V K
C346	NCB11CK-105X	C CAPACITOR	1uF 16V K
C348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C349	NEN51EM-106X	BP E CAPACITOR	10uF 25V M
C351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C354	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C372	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C382	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z

△Ref No.	Part No.	Part Name	Description Local
C392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C501	NEH71CM-476X	E CAPACITOR	47uF 16V M
C502	NEH71CM-476X	E CAPACITOR	47uF 16V M
C503	NEN51EM-106X	BP E CAPACITOR	10uF 25V M
C505	NEN51EM-106X	BP E CAPACITOR	10uF 25V M
C506	NDC31HJ-270X	C CAPACITOR	27pF 50V J
C801	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C802	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C803	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C804	NEH71CM-476X	E CAPACITOR	47uF 16V M
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C807	NEH71CM-476X	E CAPACITOR	47uF 16V M
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C813	NEH71CM-476X	E CAPACITOR	47uF 16V M
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C818	NEH71HM-106X	E CAPACITOR	10uF 50V M
C819	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C822	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J
C826	NEH71EM-226X	E CAPACITOR	22uF 25V M
C827	NEH70JM-107X	E CAPACITOR	100uF 6.3V M
C828	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C853	NEH71CM-476X	E CAPACITOR	47uF 16V M
C854	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K
C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J
C862	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C868	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C872	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C878	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C879	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C880	NEH71AM-107X	E CAPACITOR	100uF 10V M
C881	NEH71AM-107X	E CAPACITOR	100uF 10V M
C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C884	NEH71AM-107X	E CAPACITOR	100uF 10V M
C885	NEH71AM-107X	E CAPACITOR	100uF 10V M
C886	NEH71HM-106X	E CAPACITOR	10uF 50V M
C887	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C888	NEH71AM-107X	E CAPACITOR	100uF 10V M
C889	NEH71HM-106X	E CAPACITOR	10uF 50V M
C890	NEH71HM-106X	E CAPACITOR	10uF 50V M
C891	NEH71CM-476X	E CAPACITOR	47uF 16V M
C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J
C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J
C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C904	NCB11AK-106X	C CAPACITOR	10uF 10V K
C905	NEH91CM-476X	E CAPACITOR	47uF 16V M
C911	NEX51CM-335X	E CAPACITOR	3.3uF 16V M
C912	NEH71CM-476X	E CAPACITOR	47uF 16V M
C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M
C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M
CB401	NEH71HM-105X	E CAPACITOR	1uF 50V M
CB501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
CB502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
CB503	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
CB504	NCB31CK-104X	C CAPACITOR	0.1uF 16V K

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
CB505	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
CB506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
CB507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
CB508	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
CB509	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
CB510	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
CB613	NEH71CM-106X	E CAPACITOR	10uF 16V M	R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R203	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R204	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R859	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R212	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R860	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R861	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R214	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R862	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R863	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R864	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R865	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R304	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R305	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R318	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R319	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R323	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R324	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R328	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R329	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R334	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R336	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R374	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R907	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J
R375	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	R917	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R382	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RB203	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R384	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	RB401	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R385	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	RB402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R392	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RB502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R394	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	RB503	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R395	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	RB504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	RB505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R403	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	RB513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	RB516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R405	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	RB617	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RB618	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	RB624	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	L201	NQL034K-101X	CHIP P COIL	100uH K
R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	L807	NQR0413-003X	FERRITE BEADS	
R506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	L808	NQR0413-003X	FERRITE BEADS	
R507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	L809	NQR0413-003X	FERRITE BEADS	
R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	L851	NQL092K-6R8X	COIL	6.8uH K
R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	L852	NQL092K-6R8X	COIL	6.8uH K
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	L853	NQL092K-6R8X	COIL	6.8uH K
R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	L854	NQL092M-270X	CHIP P COIL	27uH M
R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	L855	NQL024J-560X	CHIP P COIL	56uH J
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L861	NQL914K-220X	COIL	22uH K
R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	L862	NQL914K-101X	COIL	100uH K
R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	L863	NQL914K-101X	COIL	100uH K
R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	L864	NQL914K-101X	COIL	100uH K
R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	L865	NQL914K-220X	COIL	22uH K
R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	L866	NQL914K-220X	COIL	22uH K
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L867	NQL914K-220X	COIL	22uH K
R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	L901	NQL52EM-220X	COIL	22uH M
R528	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	L902	NQL52EM-220X	COIL	22uH M
R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	L904	NQL52EM-220X	COIL	22uH M
R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	CN001	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)
R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	CN002	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)
R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	CN00F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	CN00T	QGF0508C1-40W	CONNECTOR	FFC/FPC (1-40)
R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	CN0J1	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)
R582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	CN0J2	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)
R583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	X201	CSB503F30-T2	C RESONATOR	
R584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	X801	NAX0621-001X	CRYSTAL	16.200MHz
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J				
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J				
R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J				
R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J				
R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J				
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J				
R807	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J				
R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				

REGULATOR P.W. BOARD ASS'Y **(SRP-2005A-M2)**

△Ref No.	Part No.	Part Name	Description	Local
IC2001	PQ12RD11	IC		
IC2101	PQ1CG2032FZ	IC		
IC2201	PQ1CG2032FZ	IC		
IC2701	M62320FP-X	IC		
IC2702	BA05FP-X	IC		
Q2801	2SC3928A/QR-X	TRANSISTOR		
Q2802	2SC3928A/QR-X	TRANSISTOR		
D2001	D1FS4-X	SB DIODE		
D2102	FSQ05A04	SB DIODE		
D2103	PTZ11B-X	Z DIODE		
D2202	FSQ05A04	SB DIODE		
D2203	PTZ6.8B-X	Z DIODE		
D2701	MA8051/M/-X	Z DIODE		
D2801	MA111-X	SI DIODE		
D2802	MA8051/M/-X	Z DIODE		
D2803	MA111-X	SI DIODE		
C2001	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2002	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2003	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2101	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	
C2102	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C2103	QE20255-128	E CAPACITOR	1200uF 16V M	
C2105	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2106	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2201	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	
C2202	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C2203	QE20256-128	E CAPACITOR	1200uF 10V M	
C2205	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2206	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2207	QE20256-128	E CAPACITOR	1200uF 10V M	
C2701	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2703	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2704	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2801	NCB21CK-105X	C CAPACITOR	1uF 16V K	
R2001	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2101	NRSA63D-683X	MG RESISTOR	68kΩ 1/16W D	
R2102	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2103	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D	
R2104	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D	
R2201	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	
R2202	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2203	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D	
R2204	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D	
R2205	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R2206	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R2701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2703	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2704	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2801	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2802	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2803	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2804	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2805	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2806	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2807	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
L2102	QQR1401-001	CHOKE COIL		
L2202	QQR1401-001	CHOKE COIL		
H2101	LC31334-003A	HEAT SINK/AL-F/		
H2201	LC31334-003A	HEAT SINK/AL-F/		

MAIN DRIVE P.W. BOARD ASSY **(SRP-3005A-M2)**

△Ref No.	Part No.	Part Name	Description	Local
IC3001	THC63LVDF84B-W	IC		
IC3002	SN74LVC541APW-X	IC		
IC3003	TC74VHC541FT-X	IC		

△Ref No.	Part No.	Part Name	Description	Local
IC3101	ASI5100	IC(DILA DRIVER)		
IC3102	HY57V161610ETP7	IC		
IC3103	HY57V161610ETP7	IC		
IC3104	HY57V161610ETP7	IC		
IC3105	HY57V161610ETP7	IC		
IC3161	LMC6024IM-X	IC		
IC3162	OPA2677U-X	IC		
IC3163	OPA2677U-X	IC		
IC3201	ASI5100	IC(DILA DRIVER)		
IC3202	HY57V161610ETP7	IC		
IC3203	HY57V161610ETP7	IC		
IC3204	HY57V161610ETP7	IC		
IC3205	HY57V161610ETP7	IC		
IC3206	SN74LVC1G125V-X	IC		
IC3261	LMC6024IM-X	IC		
IC3262	OPA2677U-X	IC		
IC3263	OPA2677U-X	IC		
IC3301	ASI5100	IC(DILA DRIVER)		
IC3302	HY57V161610ETP7	IC		
IC3303	HY57V161610ETP7	IC		
IC3304	HY57V161610ETP7	IC		
IC3305	HY57V161610ETP7	IC		
IC3361	LMC6024IM-X	IC		
IC3362	OPA2677U-X	IC		
IC3363	OPA2677U-X	IC		
IC3701	AT89C51RD2RLTIM	IC		
IC3743	TC74HC4053AFT-X	IC(DIGITAL)		
IC3801	EP1C6Q240C8N	IC		
IC3802	R1170H151B-X	IC		
IC3871	EPCS1SI8N-IL1-X	IC		
IC3901	SI-8011NVS-X	IC		
IC3902	PQ1CY1032Z-W	IC		
IC3903	LM2941S-W	IC		
IC3904	LM2991S-W	IC		
IC3905	BA05FP-X	IC		
IC3906	PQ20WZ11-X	IC		
Q3161	CPH3116-X	CHIP TRANSISTOR		
Q3261	CPH3116-X	CHIP TRANSISTOR		
Q3361	CPH3116-X	CHIP TRANSISTOR		
Q3702	DTC114EKA-X	DIGI TRANSISTOR		
Q3901	UPA2751GR-X	POWER MOS FET		
Q3902	DTC114EKA-X	DIGI TRANSISTOR		
Q3903	DTC114EKA-X	DIGI TRANSISTOR		
Q3904	2SC2412K/QR/-X	TRANSISTOR		
D3001	MAZC062D-W	CHIP DIODE		
D3161	MA3056/M/-X	Z DIODE		
D3261	MA3056/M/-X	Z DIODE		
D3361	MA3056/M/-X	Z DIODE		
D3701	MAZC062D-W	CHIP DIODE		
D3702	MAZC062D-W	CHIP DIODE		
D3703	MAZC062D-W	CHIP DIODE		
D3704	MAZC062D-W	CHIP DIODE		
D3705	MAZC062D-W	CHIP DIODE		
D3706	MAZC062D-W	CHIP DIODE		
D3707	MAZC062D-W	CHIP DIODE		
D3741	MAZC062D-W	CHIP DIODE		
D3742	MAZC062D-W	CHIP DIODE		
D3901	MA111-X	SI DIODE		
D3902	EC30HA03L-X	SB DIODE		
D3903	PTZ3.9B-X	Z DIODE		
D3931	EC30HA03L-X	SB DIODE		
D3932	EC30HA03L-X	SB DIODE		
D3933	PTZ6.8B-X	Z DIODE		
C3001	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3003	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3005	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3091	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3104	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3109	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3110	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

3-16(No.YA092B)

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C3811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3813	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3119	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3815	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3121	NQR0271-001X	EMI FILTEROR	
C3816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3122	NQR0271-001X	EMI FILTEROR	
C3817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3123	NQR0271-001X	EMI FILTEROR	
C3818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3124	NQR0271-001X	EMI FILTEROR	
C3819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3821	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3822	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3823	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3129	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3824	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3130	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C3825	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3131	NQR0271-001X	EMI FILTEROR	
C3826	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3132	NQR0271-001X	EMI FILTEROR	
C3871	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3133	NQR0271-001X	EMI FILTEROR	
C3891	NEH71CM-476X	E CAPACITOR	47uF 16V M	R3134	NQR0271-001X	EMI FILTEROR	
C3892	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3135	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3893	NBE50JM-107X	TA E CAPACITOR	100uF 6.3V M	R3137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3894	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3901	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R3142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3902	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R3143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3903	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	R3144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3904	NDC31HJ-221X	C CAPACITOR	220pF 50V J	R3145	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C3905	NDC31HJ-470X	C CAPACITOR	47pF 50V J	R3146	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D
C3906	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R3147	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D
C3907	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R3151	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C3908	NCB31HK-272X	C CAPACITOR	2700pF 50V K	R3152	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C3909	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	R3153	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C3910	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	R3154	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C3911	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3912	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	R3162	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D
C3913	NEH90JM-476X	E CAPACITOR	47uF 6.3V M	R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3931	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	R3164	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D
C3932	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3933	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R3166	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D
C3934	NEZ0022-157X	E CAPACITOR	150uF 10V M	R3167	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D
C3936	NEH91CM-476X	E CAPACITOR	47uF 16V M	R3168	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D
C3951	NEH71CM-476X	E CAPACITOR	47uF 16V M	R3169	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D
C3952	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3170	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D
C3953	NEH71CM-476X	E CAPACITOR	47uF 16V M	R3171	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D
C3954	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3173	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C3958	NEH71CM-476X	E CAPACITOR	47uF 16V M	R3174	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
C3959	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3181	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D
C3960	NEH71CM-476X	E CAPACITOR	47uF 16V M	R3182	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D
C3961	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3183	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D
C3965	NEH71CM-106X	E CAPACITOR	10uF 16V M	R3184	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D
C3966	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3185	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D
C3967	NEH71CM-476X	E CAPACITOR	47uF 16V M	R3186	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D
C3968	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3187	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D
C3969	NEH71CM-106X	E CAPACITOR	10uF 16V M	R3188	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D
C3970	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3189	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D
C3971	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3190	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D
C3972	NEH71CM-476X	E CAPACITOR	47uF 16V M	R3191	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3973	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3192	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
				R3196	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3197	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3198	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3199	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J
R3004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3201	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R3005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3203	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D
R3007	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	R3204	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3008	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	R3205	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3009	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	R3206	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D
R3022	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3207	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D
R3023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3211	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3025	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3212	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3213	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3029	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3030	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3032	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3103	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	R3221	NQR0271-001X	EMI FILTEROR	
R3104	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3222	NQR0271-001X	EMI FILTEROR	
R3105	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3223	NQR0271-001X	EMI FILTEROR	
R3106	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D	R3224	NQR0271-001X	EMI FILTEROR	
R3107	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D	R3225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3111	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R3226	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3227	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3113	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3228	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3229	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3230	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J

3-18(No.YA092B)

△Ref No.	Part No.	Part Name	Description Local
R3825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3827	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3828	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3830	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3832	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3833	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3834	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3835	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3836	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3838	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3901	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3902	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R3903	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D
R3904	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D
R3905	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R3906	NRVA63D-222X	CMF RESISTOR	2.2kΩ 1/16W D
R3908	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R3909	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3910	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R3911	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J
R3912	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3913	NRZ0075-R005X	MP RESISTOR	0.005Ω 1W J
R3917	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R3918	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3931	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3932	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3933	NRVA63D-122X	CMF RESISTOR	1.2kΩ 1/16W D
R3934	NRVA63D-822X	CMF RESISTOR	8.2kΩ 1/16W D
R3935	NRVA63D-332X	CMF RESISTOR	3.3kΩ 1/16W D
R3939	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3951	NRVA63D-391X	CMF RESISTOR	390Ω 1/16W D
R3952	NRVA63D-332X	CMF RESISTOR	3.3kΩ 1/16W D
R3953	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D
R3954	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3957	NRVA63D-392X	CMF RESISTOR	3.9kΩ 1/16W D
R3958	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J
R3959	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D
R3960	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3968	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3970	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D
R3971	NRVA63D-471X	CMF RESISTOR	470Ω 1/16W D
R3972	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R3975	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3976	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J
R3977	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J
R3978	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J
R3979	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J
R3981	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J
R3982	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J
R3983	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J
R3984	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3985	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3986	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3987	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3988	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3989	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3990	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3991	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3992	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3993	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3994	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3995	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3996	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3997	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3998	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3999	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L3701	NQL024J-2R2X	CHIP P COIL	2.2uH J
L3901	NQL51EM-100X	COIL	10uH M
L3902	NQL52EN-4R7X	COIL	4.7uH N
L3931	NQL63EM-101X	COIL	100uH M
L3932	NQL52EN-4R7X	COIL	4.7uH N
CN302	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)
CN303	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)
CN304	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)
K3091	NQR0350-001X	FERRITE BEADS	
K3093	NQR0350-001X	FERRITE BEADS	
K3191	NQR0350-001X	FERRITE BEADS	
K3192	NQR0350-001X	FERRITE BEADS	
K3193	NQR0350-001X	FERRITE BEADS	
K3194	NQR0350-001X	FERRITE BEADS	
K3291	NQR0350-001X	FERRITE BEADS	
K3292	NQR0350-001X	FERRITE BEADS	

△Ref No.	Part No.	Part Name	Description Local
K3293	NQR0350-001X	FERRITE BEADS	
K3294	NQR0350-001X	FERRITE BEADS	
K3391	NQR0350-001X	FERRITE BEADS	
K3392	NQR0350-001X	FERRITE BEADS	
K3393	NQR0350-001X	FERRITE BEADS	
K3394	NQR0350-001X	FERRITE BEADS	
K3701	NQR0350-001X	FERRITE BEADS	
K3741	NQR0350-001X	FERRITE BEADS	
K3742	NQR0350-001X	FERRITE BEADS	
K3743	NQR0350-001X	FERRITE BEADS	
K3744	NQR0350-001X	FERRITE BEADS	
K3891	NQR0350-001X	FERRITE BEADS	
X3201	NAX0673-001X	CRYSTAL	
X3701	NAX0672-001X	CRYSTAL	

REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)

△Ref No.	Part No.	Part Name	Description Local
IC8001	GP1UM281QK	IR DETECT UNIT	38kHz
D8001	MA8068-X	Z DIODE	
C8001	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C8002	QETN1EM-476Z	E CAPACITOR	47uF 25V M
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R8003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R8004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
CN800R	WJK0174-001A	E-SI C WIRE C-B	

FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)

△Ref No.	Part No.	Part Name	Description Local
IC8001	LM2941S-W	IC	
IC8002	PQ20WZ11-X	IC	
IC8003	PQ20WZ11-X	IC	
IC8005	SN74HC32NS-X	IC (DIGITAL)	
Q8001	2SC2412K/QR/-X	TRANSISTOR	
Q8002	2SC2412K/QR/-X	TRANSISTOR	
Q8003	2SC2412K/QR/-X	TRANSISTOR	
D8001	MAZC062D-W	CHIP DIODE	
D8002	MAZC062D-W	CHIP DIODE	
D8003	MAZC062D-W	CHIP DIODE	
C8001	NEH71CM-476X	E CAPACITOR	47uF 16V M
C8002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C8003	NEH71CM-476X	E CAPACITOR	47uF 16V M
C8004	NEH71CM-476X	E CAPACITOR	47uF 16V M
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C8008	NEH71CM-106X	E CAPACITOR	10uF 16V M
C8009	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C8010	NEH71CM-476X	E CAPACITOR	47uF 16V M
C8011	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C8018	NEH71CM-106X	E CAPACITOR	10uF 16V M
C8019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C8020	NEH71CM-476X	E CAPACITOR	47uF 16V M
C8021	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C8031	NEH71CM-106X	E CAPACITOR	10uF 16V M
R8001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R8002	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R8003	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D
R8004	NRSA63D-681X	MG RESISTOR	680Ω 1/16W D
R8005	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D
R8006	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R8007	NRS12BJ-101W	MG RESISTOR	100Ω 1/2W J
R8011	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R8012	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R8013	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R8014	NRSA63D-562X	MG RESISTOR	5.6kΩ 1/16W D
R8015	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R8016	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D

△Ref No.	Part No.	Part Name	Description Local
R8021	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R8022	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R8023	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D
R8024	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D
R8025	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R8026	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D
R8041	NRZ0040-103X	NET RESISTOR	10kΩ 1/16W J x4
R8042	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)

△Ref No.	Part No.	Part Name	Description Local
IC2001	LM75CIM-5-X	IC	
D2001	MAZC062D-W	CHIP DIODE	
C2002	NCB21CK-105X	C CAPACITOR	1uF 16V K
R2001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R2002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R2003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
K2001	NQR0350-001X	FERRITE BEADS	

SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)

△Ref No.	Part No.	Part Name	Description Local
IC4001	THC63LVDF84B-W	IC	
IC4002	THC63LVDM83R-W	IC	
IC4101	XC2S100E6FT256C	IC	
IC4102	XCF01VO20CP01-X	IC	
IC4103	K4S643232H-TC60	IC	
IC4103	HY57643220CT7	IC	
IC4104	R1170H181B-X	IC	
C4001	NEH70JM-107X	E CAPACITOR	100uF 6.3V M
C4002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4011	NEH71CM-106X	E CAPACITOR	10uF 16V M
C4012	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4017	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4021	NEH71CM-106X	E CAPACITOR	10uF 16V M
C4022	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4024	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4027	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4028	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4102	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4103	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4104	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4109	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4110	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4117	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4118	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4120	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4121	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4122	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z

△Ref No.	Part No.	Part Name	Description Local
C4123	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4124	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4125	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4126	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4127	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4130	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4131	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4132	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4133	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4134	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4135	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4136	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4137	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4142	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4143	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4144	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4151	NEH71CM-106X	E CAPACITOR	10uF 16V M
C4152	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4153	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4154	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4155	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4156	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4157	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4158	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4159	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4160	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4161	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4162	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4163	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4164	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4171	NEH71CM-476X	E CAPACITOR	47uF 16V M
C4172	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4173	NEH71CM-106X	E CAPACITOR	10uF 16V M
C4174	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4175	NEB50JM-107X	TA E CAPACITOR	100uF 6.3V M
C4176	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4177	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4185	NEH71CM-106X	E CAPACITOR	10uF 16V M
C4186	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z

R4001	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J
R4011	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R4012	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R4013	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R4014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4015	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4018	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4019	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R4021	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R4022	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R4023	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R4024	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R4025	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4031	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R4032	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R4033	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R4034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4038	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R4040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4045	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4046	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4047	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4048	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4104	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R4105	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R4106	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R4107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R4108	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R4109	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R4111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R4116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	D9507	MA111-X	SI DIODE	
R4117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	D9510	MA111-X	SI DIODE	
R4118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	D9511	D1FS4-X	SB DIODE	
R4119	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	D9512	D1FL20U-X	SI DIODE	
R4121	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	D9514	RD12E/B2/-T5	Z DIODE	
R4122	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	D9551	RU3YX-LFC4	SI DIODE	
R4123	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	D9552	RU3YX-LFC4	SI DIODE	
R4124	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	D9553	FME-220A	SB DIODE	
R4131	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	D9554	RGP10J-04TS-T3	SI DIODE	
R4132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	D9555	RD33E/B1/-T2	Z DIODE	
R4133	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	D9556	RGP10J-04TS-T3	SI DIODE	
R4134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	D9701	UTCFL431-T	IC	
R4135	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	△C9001	QFZ9075-105	MPP CAPACITOR	1uF AC275V M
R4136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	△C9002	QFZ9075-105	MPP CAPACITOR	1uF AC275V M
R4137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	△C9011	QCZ9079-102	C CAPACITOR	1000pF AC250V M
R4138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	△C9013	QCZ9079-102	C CAPACITOR	1000pF AC250V M
R4139	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	△C9101	QCZ9078-472	C CAPACITOR	4700pF AC250V M
R4140	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	△C9102	QCZ9078-472	C CAPACITOR	4700pF AC250V M
R4141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	△C9103	QCZ9078-472	C CAPACITOR	4700pF AC250V M
R4142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C9111	QEHQ2GM-226	E CAPACITOR	22uF 400V M
R4143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C9141	QTMN1CM-477Z	E CAPACITOR	470uF 16V M
R4150	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C9142	QEH1AM-337Z	E CAPACITOR	330uF 10V M
R4152	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	C9143	QEH1CM-107Z	E CAPACITOR	100uF 16V M
R4165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	△C9198	QCZ9079-472	C CAPACITOR	4700pF AC250V M
R4167	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	△C9201	QCZ9078-222	C CAPACITOR	2200pF AC250V M
R4168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	△C9203	QCZ9078-222	C CAPACITOR	2200pF AC250V M
R4172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	△C9204	QCZ9078-222	C CAPACITOR	2200pF AC250V M
L4001	NQL52EN-4R7X	COIL	4.7uH N	△C9205	QCZ9078-222	C CAPACITOR	2200pF AC250V M
K4011	NQR0413-003X	FERRITE BEADS		C9211	QFZ0213-155	MM CAPACITOR	1.5uF 400V K
K4012	NQR0504-001X	EMI FILTER		C9212	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
K4013	NQR0504-001X	EMI FILTER		C9213	NCB21CK-684X	C CAPACITOR	0.68uF 16V K
K4014	NQR0504-001X	EMI FILTER		C9214	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
K4021	NQR0413-003X	FERRITE BEADS		C9215	QEH1VM-476Z	E CAPACITOR	47uF 35V M
K4022	NQR0504-001X	EMI FILTER		C9216	QEZ0650-227	E CAPACITOR	220uF 450V M
K4023	NQR0504-001X	EMI FILTER		C9217	QCZ0340-102	C CAPACITOR	1000pF 2kV K
K4024	NQR0504-001X	EMI FILTER		C9218	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
K4101	NQR0413-003X	FERRITE BEADS		C9219	QCZ0122-471	C CAPACITOR	470pF 2kV K
K4102	NQR0413-003X	FERRITE BEADS		C9251	QETN1HM-107Z	E CAPACITOR	100uF 50V M
K4103	NQR0413-003X	FERRITE BEADS		C9252	NCB21HK-104X	C CAPACITOR	0.1uF 50V K
K4104	NQR0413-003X	FERRITE BEADS		C9301	QETN1EM-226Z	E CAPACITOR	22uF 25V M
K4105	NQR0413-003X	FERRITE BEADS		C9501	QFP32JK-332	PP CAPACITOR	3300pF 630V K
K4107	NQR0413-003X	FERRITE BEADS		C9503	NCB31HK-332X	C CAPACITOR	3300pF 50V K
X4101	NAX0587-001X	CXO	54.0000MHz	C9504	QETN1HM-226Z	E CAPACITOR	22uF 50V M
POWER P.W. BOARD ASS'Y				C9505	NDC31HJ-471X	C CAPACITOR	470pF 50V J
(SRP-9005A-M2)				C9506	QEH1HM-105Z	E CAPACITOR	1uF 50V M
△Ref No.	Part No.	Part Name	Description Local	C9507	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
IC9141	BA05FP-X	IC		C9508	QCZ0340-471	C CAPACITOR	470pF 2kV K
△IC9211	MC33262D-X	IC		C9510	QEH1HM-107Z	E CAPACITOR	100uF 50V M
IC9501	STR-W6765-F5	IC		C9511	QEH1HM-107Z	E CAPACITOR	100uF 50V M
Q9021	UN2211-X	TRANSISTOR		C9553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
△Q9211	2SK3522-01-F1	POWER MOS FET		C9555	QECQ1EM-188	E CAPACITOR	1800uF 25V M
Q9212	2SC3928A/QR/-X	TRANSISTOR		C9556	QECQ1EM-188	E CAPACITOR	1800uF 25V M
Q9213	IMD3A-W	TRANSISTOR		C9557	QECQ1EM-188	E CAPACITOR	1800uF 25V M
Q9215	2SC3928A/QR/-X	TRANSISTOR		C9559	QEH1R2AM-106Z	E CAPACITOR	10uF 100V M
Q9251	UN2213-X	DIGI TRANSISTOR		C9560	QEH1HM-105Z	E CAPACITOR	1uF 50V M
Q9252	UN2213-X	DIGI TRANSISTOR		C9562	QEH1EM-108Z	E CAPACITOR	1000uF 25V M
Q9301	2SC4682-T	TRANSISTOR		C9563	QETM1HM-108	E CAPACITOR	1000uF 50V M
D9001	MA3047/H/-X	Z DIODE		C9564	QETM1HM-108	E CAPACITOR	1000uF 50V M
D9021	MA111-X	SI DIODE		C9565	NCB31HK-102X	C CAPACITOR	1000pF 50V K
D9111	S1WB/A/60-4101	BRIDGE DIODE		C9566	NCB31HK-102X	C CAPACITOR	1000pF 50V K
△D9201	D25XB60	BRIDGE DIODE		C9567	NCB31HK-102X	C CAPACITOR	1000pF 50V K
D9202	MA111-X	SI DIODE		C9568	NCB31HK-102X	C CAPACITOR	1000pF 50V K
△D9211	YG972S6R	SI DIODE		C9569	NCB31HK-102X	C CAPACITOR	1000pF 50V K
D9213	MA111-X	SI DIODE		C9703	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D9214	MA111-X	SI DIODE		△R9001	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K
D9251	MA3068/M/-X	Z DIODE		R9003	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J
D9252	MA111-X	SI DIODE		R9004	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J
D9253	MA111-X	SI DIODE		R9005	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J
D9254	D1FL20U-X	SI DIODE		R9021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
D9301	MTZJ16C-T2	Z DIODE		R9101	QRZ0216-4R7	UNF WW RESISTOR	4.7Ω 7W K
D9501	SARS01-T2	SI DIODE		R9141	QRX01GJ-1R0	MF RESISTOR	1Ω 1W J
D9502	SARS01-T2	SI DIODE		R9142	QRX01GJ-R82	MF RESISTOR	0.82Ω 1W J
D9503	RGP10J-04TS-T3	SI DIODE		R9148	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
D9504	D1FS4-X	SB DIODE		R9201	QRZ0121-200	UNF WW RESISTOR	20Ω 5W J
D9505	RD33E/B1/-T2	Z DIODE		R9203	QRG01GJ-181	OMF RESISTOR	180Ω 1W J
D9506	D1FL20U-X	SI DIODE		R9211	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J
				R9212	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J
				R9213	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J
				R9214	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
				R9215	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
				R9216	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
				R9217	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
				R9218	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
				R9219	NRS12BJ-223W	MG RESISTOR	22kΩ 1/2W J
				R9220	QRM059J-R15	MP RESISTOR	0.15Ω 5W J

△Ref No.	Part No.	Part Name	Description Local
R9221	QRM059J-R27	MP RESISTOR	0.27Ω 5W J
R9222	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J
R9223	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J
R9224	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J
R9225	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J
R9226	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J
R9227	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J
R9228	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R9233	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J
R9236	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J
R9237	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R9251	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R9253	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R9254	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R9255	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R9256	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R9302	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R9501	QRL039J-104	OMF RESISTOR	100kΩ 3W J
R9502	QRL039J-333	OMF RESISTOR	33kΩ 3W J
R9503	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J
R9504	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J
R9505	QRL039J-220	OMF RESISTOR	22Ω 3W J
△R9506	QRZ9017-120	FUSI RESISTOR	12Ω 1/4W J
R9507	NRS12BJ-100W	MG RESISTOR	10Ω 1/2W J
R9508	NRS12BJ-122W	MG RESISTOR	1.2kΩ 1/2W J
R9510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R9511	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J
R9512	QRX01GJ-R39	MF RESISTOR	0.39Ω 1W J
R9514	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
△R9515	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J
R9516	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R9551	QRT039J-R47	MF RESISTOR	0.47Ω 3W J
R9552	QRT039J-R47	MF RESISTOR	0.47Ω 3W J
R9553	QRL029J-331	OMF RESISTOR	330Ω 2W J
R9554	QRG01GJ-222	OMF RESISTOR	2.2kΩ 1W J
R9559	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J
R9701	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R9702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R9705	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R9706	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D
R9707	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D
△R9991	QRZ0107-685Z	C RESISTOR	6.8MΩ 1/2W K
L9141	QQL26AK-470Z	CHOKE COIL	47uH K
L9201	QQR1468-001	CHOKE COIL	
△T9121	QAL0425-001	POWER TRANSF	
△T9501	QQS0276-001	SW TRANSF	
CN90E1	QUB130-42FXZA	SIN TWIST WIRE	
△CP9121	QMFZ052-2R0-E	FUSE	2A AC250V
△CP9211	QMFZ043-5R0Z-J1	FUSE	5A AC250V
△CP9554	ICP-N50-Y	IC PROTECTOR	2.0A
△CP9555	ICP-N50-Y	IC PROTECTOR	2.0A
△CP9556	ICP-N70-T	IC PROTECTOR	2.5A
△CP9557	ICP-N70-T	IC PROTECTOR	2.5A
△F9001	QMF51D2-6R3-J1	FUSE	6.3A AC250V
△H9211	LC32697-001A	HEAT SINK/AL-F/	
H9501	LC32528-001A	HEAT SINK/AL-F/	
H9553	LC32528-001A	HEAT SINK/AL-F/	
K9111	QQR0582-001Z	FERRITE BEADS	
K9211	QQR0621-002Z	FERRITE BEADS	
K9212	QQR0621-002Z	FERRITE BEADS	
K9501	QQR0621-002Z	FERRITE BEADS	
K9502	QQR0621-002Z	FERRITE BEADS	
K9551	QQR0621-002Z	FERRITE BEADS	
K9552	QQR0621-002Z	FERRITE BEADS	
K9553	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
K9554	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
K9555	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
K9556	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
K9557	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
△LF9001	QQR1542-001	LINE FILTER	
△LF9002	QQR1466-001	LINE FILTER	
△LF9003	QQR1467-001	LINE FILTER	
△PC9001	PC123Y22	PHOTO COUPLER	
△PC9501	PC123Y22	PHOTO COUPLER	
△RY9021	QSK0119-001	RELAY	
△RY9201	QSK0117-001	RELAY	
△VA9001	ERZV10V621CS	ZNR	

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D007A-M2)

△Ref No.	Part No.	Part Name	Description Local
IC0401	SN74AHCT1G32V-X	IC	
IC1001	TC90A92AFG	IC	
IC1502	NJM2235V-X	IC	
IC3001	JCC5055	IC	
IC3004	TC7MB3257FK-X	IC	
IC3005	SN74LVC1G08V-X	IC	
IC3006	SN74LVC2G126T-X	IC	
IC3403	S-80928CLNB-W	IC	
IC3501	MT46V2M32V1LG55	IC	
IC3502	MT46V2M32V1LG55	IC	
IC3503	LP2996MR-X	IC	
IC4001	JCC5057	IC	
IC4003	AT29LV01-52Z585	IC	(SERVICE)
IC4004	AT24C256-52Z575	IC	(SERVICE)
IC4005	SN74LVC1G08V-X	IC	
IC6502	THC63LVD83R-W	IC	
IC7001	MN102H60KPA	IC(MCU)	
IC7002	AT24C25652Z575D	IC	(SERVICE)
IC7401	S-80828CLNB-W	IC	
IC7601	M306V7MG-088FP	IC(MCU)	
IC7602	AT24C16-52Z575	IC	(SERVICE)
IC7603	SN74LVC1G04V-X	IC	
IC7607	MM1510XN-X	IC	
IC7608	MM1510XN-X	IC	
IC8001	SII9993CTG100	IC	
IC8002	S-24C02BFJ-X	IC	
IC8003	S-24C02BFJ-X	IC	
IC8004	SN74AHCT04PW-X	IC	
IC8005	S-80828CLNB-W	IC	
IC8006	TC74HC4066AFT-X	IC(DIGITAL)	
IC8008	AK4384VT-X	IC	
IC9001	MP1580HS-X	IC	
IC9101	MP1580HS-X	IC	
IC9201	MP1580HS-X	IC	
Q0101	2SC3837K/NP/-X	TRANSISTOR	
Q0102	2SA1022/BC/-X	TRANSISTOR	
Q0104	2SA1022/BC/-X	TRANSISTOR	
Q0107	2SA1530A/QR/-X	TRANSISTOR	
Q0108	2SC3928A/QR/-X	TRANSISTOR	
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0201	2SC3837K/NP/-X	TRANSISTOR	
Q0202	2SA1022/BC/-X	TRANSISTOR	
Q0203	2SC3928A/QR/-X	TRANSISTOR	
Q0204	2SA1022/BC/-X	TRANSISTOR	
Q0207	2SA1530A/QR/-X	TRANSISTOR	
Q0208	2SC3928A/QR/-X	TRANSISTOR	
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0301	2SC3837K/NP/-X	TRANSISTOR	
Q0302	2SA1022/BC/-X	TRANSISTOR	
Q0303	2SC3928A/QR/-X	TRANSISTOR	
Q0304	2SA1022/BC/-X	TRANSISTOR	
Q0307	2SA1530A/QR/-X	TRANSISTOR	
Q0308	2SC3928A/QR/-X	TRANSISTOR	
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q1001	UN2213-X	DIGI TRANSISTOR	
Q1003	2SC3928A/QR/-X	TRANSISTOR	
Q1004	2SA1530A/QR/-X	TRANSISTOR	
Q1101	2SC3928A/QR/-X	TRANSISTOR	
Q1103	2SA1530A/QR/-X	TRANSISTOR	
Q1201	2SC3928A/QR/-X	TRANSISTOR	
Q1203	2SA1530A/QR/-X	TRANSISTOR	
Q1301	2SC3928A/QR/-X	TRANSISTOR	
Q1303	2SA1530A/QR/-X	TRANSISTOR	
Q1401	2SC3928A/QR/-X	TRANSISTOR	
Q1403	2SA1530A/QR/-X	TRANSISTOR	
Q3001	2SC3928A/QR/-X	TRANSISTOR	
Q3002	2SA1530A/QR/-X	TRANSISTOR	
Q3003	2SC3928A/QR/-X	TRANSISTOR	
Q3004	2SA1530A/QR/-X	TRANSISTOR	
Q7206	UN2213-X	DIGI TRANSISTOR	
Q7207	DTA144EKA-X	DIGI TRANSISTOR	
Q8002	2SK1228-X	MOS FET	
Q8003	2SK1228-X	MOS FET	
Q8004	DTC363TK-X	DIGI TRANSISTOR	
Q8005	UN2113-X	DIGI TRANSISTOR	
Q8006	UN2213-X	DIGI TRANSISTOR	
D1001	EC30HA03L-X	SB DIODE	
D1002	EC30HA03L-X	SB DIODE	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
D7001	MA111-X	SI DIODE		C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
D7002	MA8051/M/-X	Z DIODE		C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D7003	MA111-X	SI DIODE		C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D7005	MA8082/M/-X	Z DIODE		C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D7006	MA8082/M/-X	Z DIODE		C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D7007	MA8082/M/-X	Z DIODE		C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K
D7008	MA8082/M/-X	Z DIODE		C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D7009	MA8082/M/-X	Z DIODE		C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D7203	MA111-X	SI DIODE		C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
D7204	MA111-X	SI DIODE		C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
D7210	RB501V-40-X	SB DIODE		C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D7601	MA111-X	SI DIODE		C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
D8001	BAV99L-X	SI DIODE		C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
D8002	BAV99L-X	SI DIODE		C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D8003	NAF0013-001X	ESD-SURPPRESSOR		C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D8004	NAF0013-001X	ESD-SURPPRESSOR		C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D8005	NAF0013-001X	ESD-SURPPRESSOR		C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D8006	NAF0013-001X	ESD-SURPPRESSOR		C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D8007	NAF0013-001X	ESD-SURPPRESSOR		C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D8008	NAF0013-001X	ESD-SURPPRESSOR		C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J
D8009	NAF0013-001X	ESD-SURPPRESSOR		C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J
D8010	NAF0013-001X	ESD-SURPPRESSOR		C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D8016	MA111-X	SI DIODE		C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D8017	MA111-X	SI DIODE		C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D9001	EC30HA03L-X	SB DIODE		C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D9003	PTZ3.9B-X	Z DIODE		C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K
D9101	EC30HA03L-X	SB DIODE		C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D9102	EC30HA03L-X	SB DIODE		C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D9103	PTZ3.9B-X	Z DIODE		C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D9104	MA111-X	SI DIODE		C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D9201	EC30HA03L-X	SB DIODE		C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D9203	PTZ3.9B-X	Z DIODE		C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K
D9204	MA111-X	SI DIODE		C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0103	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0203	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0303	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
				C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	C7026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	C7027	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7614	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3097	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7617	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8001	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8002	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8004	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	C8007	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8009	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8012	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8017	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8019	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8021	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C8025	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8028	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8031	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8033	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8035	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8037	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8038	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8039	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8040	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8041	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3532	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8043	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C8044	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8046	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8048	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8050	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C8053	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8054	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C8104	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8105	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C8106	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C8112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8113	NEH71CM-106X	E CAPACITOR	10uF 16V M
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8114	NEH71CM-106X	E CAPACITOR	10uF 16V M
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C8115	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8118	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C8119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8120	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C9008	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C9012	NCB31HK-122X	C CAPACITOR	1200pF 50V K
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9112	NCB31HK-122X	C CAPACITOR	1200pF 50V K
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z				

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0209	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D
R0309	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J

3-26(No.YA092B)

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R8081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R8082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R8083	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R8084	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R8090	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R8091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R8093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R8095	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9007	NQR0413-003X	FERRITE BEADS	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R9107	NQR0413-003X	FERRITE BEADS	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	R9108	NQR0413-003X	FERRITE BEADS	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R9203	NCB31HK-122X	C CAPACITOR	1200pF 50V K
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9207	NQR0413-003X	FERRITE BEADS	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7663	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8004	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8005	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8010	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8012	NRSA63D-820X	MG RESISTOR	82Ω 1/16W D	RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8014	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8015	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8016	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8017	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8018	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8019	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8020	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8023	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8028	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8032	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8036	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R8066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R8067	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R8069	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0101	NQL092K-2R2X	COIL	2.2uH K
R8070	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0201	NQL092K-2R2X	COIL	2.2uH K
R8071	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0301	NQL092K-2R2X	COIL	2.2uH K
R8072	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R8075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1001	NQR0489-002X	FERRITE BEADS	
R8079	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1002	NQR0489-002X	FERRITE BEADS	
R8080	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J				

△Ref No.	Part No.	Part Name	Description Local
L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1006	NQR0489-002X	FERRITE BEADS	
L1008	NQL79GM-220X	COIL	22uH M
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1011	NQL79GM-470X	COIL	47uH M
L1101	NQL092K-6R8X	COIL	6.8uH K
L1102	NQR0489-002X	FERRITE BEADS	
L1103	NQL092K-1R0X	COIL	1uH K
L1201	NQL092K-6R8X	COIL	6.8uH K
L1203	NQL092K-1R0X	COIL	1uH K
L1301	NQL092K-6R8X	COIL	6.8uH K
L1303	NQL092K-1R0X	COIL	1uH K
L1401	NQL092K-6R8X	COIL	6.8uH K
L1403	NQL092K-1R0X	COIL	1uH K
L1501	NQL092K-4R7X	COIL	4.7uH K
L3001	NQR0489-002X	FERRITE BEADS	
L3005	NQR0413-003X	FERRITE BEADS	
L3006	NQR0413-003X	FERRITE BEADS	
L3007	NQR0413-003X	FERRITE BEADS	
L3008	NQR0413-003X	FERRITE BEADS	
L3009	NQR0413-003X	FERRITE BEADS	
L3010	NQR0413-003X	FERRITE BEADS	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3012	NQR0413-003X	FERRITE BEADS	
L3501	NQR0413-003X	FERRITE BEADS	
L4001	NQR0413-003X	FERRITE BEADS	
L4002	NQR0413-003X	FERRITE BEADS	
L4003	NQR0413-003X	FERRITE BEADS	
L6501	NQR0351-001X	FERRITE BEADS	
L6508	NQR0504-001X	EMI FILTER	
L6509	NQR0504-001X	EMI FILTER	
L6510	NQR0504-001X	EMI FILTER	
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L8009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L8010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L8014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L8018	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L9001	NQL71EM-150X	COIL	15uH M
L9101	NQL71EM-150X	COIL	15uH M
L9201	NQL71EM-150X	COIL	15uH M
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN
J7001	QNS0001-001	3.5 JACK	AV COMPU LINK III
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K3010	NQR0489-002X	FERRITE BEADS	
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M
LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z
LC7007	NQR0479-001X	EMI FILTER	
SL7001	NAX0613-001X	C RESONATOR	
X1001	NAX0642-001X	CRYSTAL	
X3001	NAX0635-001X	CXO	
X3003	NAX0668-001X	CXO	
X4001	NAX0669-001X	C RESONATOR	

△Ref No.	Part No.	Part Name	Description Local
X7601	NAX0613-001X	C RESONATOR	
REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)			
△Ref No.	Part No.	Part Name	Description Local
IC2081	TPS855	PHOTO CONDUCTOR	
D2001	MA8100/M/-X	Z DIODE	
D2002	MA8100/M/-X	Z DIODE	
D2004	MA8100/M/-X	Z DIODE	
D2005	MA8100/M/-X	Z DIODE	
D2006	MA8100/M/-X	Z DIODE	
D2007	MA8100/M/-X	Z DIODE	
D2008	MA8100/M/-X	Z DIODE	
D2010	MA8100/M/-X	Z DIODE	
D2011	MA8100/M/-X	Z DIODE	
D2012	MA8100/M/-X	Z DIODE	
D2013	MA8100/M/-X	Z DIODE	
D2014	MA8100/M/-X	Z DIODE	
D2015	MA8100/M/-X	Z DIODE	
D2016	MA8100/M/-X	Z DIODE	
D2017	MA8100/M/-X	Z DIODE	
D2081	MA8033-X	Z DIODE	
D2201	MA8100/M/-X	Z DIODE	
D2202	MA8100/M/-X	Z DIODE	
D2203	MA8100/M/-X	Z DIODE	
D2205	MA8100/M/-X	Z DIODE	
D2206	MA8100/M/-X	Z DIODE	
D2207	MA8100/M/-X	Z DIODE	
C2001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2002	QETN1CM-106Z	E CAPACITOR	10uF 16V M
C2004	QETN1CM-106Z	E CAPACITOR	10uF 16V M
C2005	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2006	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2008	QETN1CM-106Z	E CAPACITOR	10uF 16V M
C2010	QETN1CM-106Z	E CAPACITOR	10uF 16V M
C2011	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2012	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2013	QETN1CM-106Z	E CAPACITOR	10uF 16V M
C2014	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2015	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2081	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C2082	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C2083	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C2084	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C2201	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2202	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2203	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2204	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2205	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2206	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2213	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2214	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2002	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2003	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2004	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2005	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2006	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2007	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2008	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2009	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2010	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2011	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2012	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2013	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2056	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2057	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2081	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R2202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2204	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2207	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2208	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2209	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2210	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2212	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R2213	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J

△Ref No.	Part No.	Part Name	Description Local
R2214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2216	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R2217	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R2218	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R2219	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
J2001	QNZ0484-001	AV JACK	S/V/L/R IN
J2002	QNN0646-001	PIN JACK	COMP IN
J2003	QNN0644-001	PIN JACK	V/L/R IN
J2004	QNN0641-001	PIN JACK	CENTER CH IN/AUDIO IN
J2007	QNN0645-001	PIN JACK	SUB WOOFER OUT/AUDIO OUT

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)

△Ref No.	Part No.	Part Name	Description Local
D0402	MA8100/M/-X	Z DIODE	
D0403	MA8100/M/-X	Z DIODE	
D0404	MA8100/M/-X	Z DIODE	
D0405	MA8100/M/-X	Z DIODE	
D0406	MA8100/M/-X	Z DIODE	
D0435	MA8100/M/-X	Z DIODE	
C0442	NCB21CK-105X	C CAPACITOR	1uF 16V K
C0443	NCB21CK-105X	C CAPACITOR	1uF 16V K
C0444	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C0445	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C0446	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0447	NCB31HK-102X	C CAPACITOR	1000pF 50V K
R0401	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R0402	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R0403	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R0404	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R0405	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R0432	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R0541	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R0542	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R0543	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
J0401	QNZ0438-001	AV JACK	S/V/L/R IN
S0501	QSW0619-003Z	TACT SWITCH	VOL+
S0502	QSW0619-003Z	TACT SWITCH	VOL-
S0503	QSW0619-003Z	TACT SWITCH	MENU
S0504	QSW0619-003Z	TACT SWITCH	CH+
S0505	QSW0619-003Z	TACT SWITCH	CH-

FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)

△Ref No.	Part No.	Part Name	Description Local
Q0701	2SC3928A/QR/-X	TRANSISTOR	
Q0702	2SC3928A/QR/-X	TRANSISTOR	
Q0704	2SC3928A/QR/-X	TRANSISTOR	
Q0705	2SC3928A/QR/-X	TRANSISTOR	
Q0706	2SC3928A/QR/-X	TRANSISTOR	
Q0707	2SC3928A/QR/-X	TRANSISTOR	
D0701	SELU5E20C	LED	POWER
D0703	MA8068-X	Z DIODE	
D0704	MA8068-X	Z DIODE	
D0705	LE22440	LED	LAMP
D0706	MA8068-X	Z DIODE	
D0707	MA8068-X	Z DIODE	
C0701	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C0702	NCB31HK-102X	C CAPACITOR	1000pF 50V K
R0706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0708	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R0709	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R0710	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0711	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0712	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R0713	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R0714	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J

△Ref No.	Part No.	Part Name	Description Local
R0715	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R0716	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
S0701	QSW0619-003Z	TACT SWITCH	POWER

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

△Ref No.	Part No.	Part Name	Description Local
CN0CSW	WJK0173-001A	E-SI C WIRE C-B	
S0201	QSW1064-001	DETECT SWITCH	

RECEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)

△Ref No.	Part No.	Part Name	Description Local
IC1140	CXA2205Q-X	IC	
IC1221	M62320FP-X	IC	
IC1250	RC4558D-X	IC	
IC1251	RC4558D-X	IC	
IC1252	CD4066BE	IC	
IC1621	LM393DR-X	IC	
IC1641	NJM2150AM-X	IC	
IC1661	TDA8925ST/N1	IC	
IC6001	NJM2701M-X	IC	
Q1101	2SA1530A/QR/-X	TRANSISTOR	
Q1102	2SC3928A/QR/-X	TRANSISTOR	
Q1221	2SC3928A/QR/-X	TRANSISTOR	
Q1250	2SC3928A/QR/-X	TRANSISTOR	
Q1251	2SA1530A/QR/-X	TRANSISTOR	
Q1252	2SA1530A/QR/-X	TRANSISTOR	
Q1253	2SC3928A/QR/-X	TRANSISTOR	
Q1254	2SA1530A/QR/-X	TRANSISTOR	
Q1255	2SC3928A/QR/-X	TRANSISTOR	
Q1256	UN2212-X	DIGI TRANSISTOR	
Q1257	UN2212-X	DIGI TRANSISTOR	
Q1291	2SK1374-X	MOS FET	
Q1292	2SK1374-X	MOS FET	
Q1661	UN2112-X	DIGI TRANSISTOR	
Q1662	2SC3928A/QR/-X	TRANSISTOR	
Q1663	UN2212-X	DIGI TRANSISTOR	
Q1672	2SC3928A/QR/-X	TRANSISTOR	
Q1673	2SA1530A/QR/-X	TRANSISTOR	
Q6001	2SC3928A/QR/-X	TRANSISTOR	
Q6002	2SC3928A/QR/-X	TRANSISTOR	
D1140	MA8100/M/-X	Z DIODE	
D1141	MA8100/M/-X	Z DIODE	
D1223	MA111-X	SI DIODE	
D1250	MA8100/M/-X	Z DIODE	
D1251	MA8100/M/-X	Z DIODE	
D1252	MA8100/M/-X	Z DIODE	
D1253	MA111-X	SI DIODE	
D1663	MA8033-X	Z DIODE	
D1667	MA111-X	SI DIODE	
D1668	MA111-X	SI DIODE	
D1669	MA111-X	SI DIODE	
D1671	MA8200-X	Z DIODE	
D1672	MA8200-X	Z DIODE	
D1673	MA8200-X	Z DIODE	
D1674	MA8200-X	Z DIODE	
C1101	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C1103	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1144	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1145	NCB31HK-223X	C CAPACITOR	0.022uF 50V K
C1146	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C1147	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1148	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1149	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C1150	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1151	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1152	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1153	NCB31HK-562X	C CAPACITOR	5600pF 50V K
C1154	NCB31HK-123X	C CAPACITOR	0.012uF 50V K
C1155	QETN1HM-105Z	E CAPACITOR	1uF 50V M

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C1156	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	C1698	QFVF1HJ-105Z	MF CAPACITOR	1uF 50V J
C1157	QETN1HM-106Z	E CAPACITOR	10uF 50V M	C1699	QFVF1HJ-105Z	MF CAPACITOR	1uF 50V J
C1158	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	C6001	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M
C1159	QETN1CM-107Z	E CAPACITOR	100uF 16V M	C6002	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M
C1160	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	C6003	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1161	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	C6004	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1162	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	C6005	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C1163	NCB31HK-272X	C CAPACITOR	2700pF 50V K	C6006	NCB31CK-273X	C CAPACITOR	0.027uF 16V K
C1164	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	C6007	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1165	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M	C6008	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1166	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	C6009	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C1167	QETN1HM-106Z	E CAPACITOR	10uF 50V M	C6010	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1168	QETN1HM-105Z	E CAPACITOR	1uF 50V M				
C1169	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	R1104	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C1170	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	R1105	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C1171	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R1107	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C1172	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R1110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C1221	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R1111	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
C1222	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R1112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C1250	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R1140	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J
C1251	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	R1141	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C1252	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R1142	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C1253	NCB31HK-183X	C CAPACITOR	0.018uF 50V K	R1143	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
C1254	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R1144	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C1255	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	R1145	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
C1256	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	R1146	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C1257	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R1147	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J
C1258	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R1149	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C1259	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R1151	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J
C1260	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R1152	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C1261	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R1221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C1262	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	R1222	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C1263	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	R1228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C1291	QCS31HJ-100Z	C CAPACITOR	10pF 50V J	R1229	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C1292	QCS31HJ-100Z	C CAPACITOR	10pF 50V J	R1251	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C1621	NCB31HK-332X	C CAPACITOR	3300pF 50V K	R1252	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C1622	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R1253	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C1623	QETN1HM-226Z	E CAPACITOR	22uF 50V M	R1254	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C1624	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R1255	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C1625	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R1256	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C1626	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R1257	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C1627	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R1258	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C1628	QETN1HM-226Z	E CAPACITOR	22uF 50V M	R1259	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C1629	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R1260	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C1630	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R1261	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C1631	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R1262	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C1632	NCB31HK-332X	C CAPACITOR	3300pF 50V K	R1265	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C1633	NCB11EK-105X	C CAPACITOR	1uF 25V K	R1266	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C1641	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	R1267	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C1642	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	R1268	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C1643	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	R1269	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C1645	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R1270	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C1646	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R1271	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C1647	QETN1HM-226Z	E CAPACITOR	22uF 50V M	R1272	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C1648	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R1273	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C1651	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	R1274	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C1652	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	R1275	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C1653	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	R1276	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C1661	NCB11EK-105X	C CAPACITOR	1uF 25V K	R1277	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
C1662	NCB11EK-105X	C CAPACITOR	1uF 25V K	R1278	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
C1663	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R1279	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C1664	QETN1HM-226Z	E CAPACITOR	22uF 50V M	R1280	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C1665	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R1281	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C1666	QETN1HM-226Z	E CAPACITOR	22uF 50V M	R1284	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C1667	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R1285	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C1668	NDC31HJ-561X	C CAPACITOR	560pF 50V J	R1291	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C1669	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	R1292	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C1670	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	R1611	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
C1671	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	R1612	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
C1672	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R1613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C1673	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R1614	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C1674	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R1615	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
C1675	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R1616	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C1676	NDC31HJ-561X	C CAPACITOR	560pF 50V J	R1619	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C1677	NDC31HJ-561X	C CAPACITOR	560pF 50V J	R1621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C1678	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	R1622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C1679	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	R1623	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C1680	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	R1624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J
C1681	NDC31HJ-561X	C CAPACITOR	560pF 50V J	R1625	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C1682	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R1626	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C1683	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R1627	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C1684	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R1628	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C1685	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R1629	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C1686	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R1630	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C1687	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R1631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C1696	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R1632	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C1697	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R1633	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J

△Ref No.	Part No.	Part Name	Description Local
R1634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1641	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1642	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R1643	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R1646	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1648	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1649	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1651	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1652	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R1653	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R1661	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1662	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1663	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R1664	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1665	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
△R1666	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J
△R1667	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J
△R1668	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J
△R1669	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J
R1670	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1671	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1674	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1675	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R1676	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1677	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1678	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1682	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1688	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1689	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6002	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6003	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6006	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6007	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R6008	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R6009	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
L1661	QQL28AK-560	COIL	56uH K
L1662	QQL28AK-560	COIL	56uH K
CN100F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)
CN100T	QGF0508F1-40X	CONNECTOR	FFC/FPC (1-40)
CN10FC	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)
K1601	QQR0621-002Z	FERRITE BEADS	
K1602	QQR0621-002Z	FERRITE BEADS	
K1603	NQR0413-002X	FERRITE BEADS	
K1604	NQR0413-002X	FERRITE BEADS	
K1605	NQR0413-002X	FERRITE BEADS	
K1606	NQR0413-002X	FERRITE BEADS	
△TU1101	QAU0364-001	TUNER	

PRINTED WIRING BOARD PARTS LIST [HD-52Z585]

ANALOG SIGNAL P.W. BOARD ASS'Y
(SRP-1005A-M2)

REFER TO PARTS LIST IN PAGE 3-13 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SRP-2005A-M2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASSY (SRP-3005A-M2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

REMOTE SENSOR P.W. BOARD ASS'Y
(SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)

REFER TO PARTS LIST IN PAGE 3-20 FOR THIS P.W. BOARD.

SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)

REFER TO PARTS LIST IN PAGE 3-20 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SRP-9005A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y
(SRP0D005A-M2)

△Ref No.	Part No.	Part Name	Description Local
IC0401	SN74AHCT1G32V-X	IC	
IC1001	TC90A92AFG	IC	
IC1502	NJM2235V-X	IC	
IC3001	JCC5055	IC	
IC3004	TC7MB3257FK-X	IC	
IC3005	SN74LVC1G08V-X	IC	
IC3006	SN74LVC2G126T-X	IC	
IC3403	S-80928CLNB-W	IC	
IC3501	MT46V2M32V1LG55	IC	
IC3502	MT46V2M32V1LG55	IC	
IC3503	LP2996MR-X	IC	
IC4001	JCC5057	IC	
IC4003	AT29LV01-52Z585	IC	(SERVICE)
IC4004	AT24C256-52Z585	IC	(SERVICE)
IC4005	SN74LVC1G08V-X	IC	
IC6502	THC63LVDM83R-W	IC	
IC7001	MN102H60KPA	IC(MCU)	
IC7002	AT24C25652Z585D	IC	(SERVICE)
IC7401	S-80828CLNB-W	IC	
IC7601	M306V7MG-088FP	IC(MCU)	
IC7602	AT24C16-52Z58/5	IC	(SERVICE)
IC7603	SN74LVC1G04V-X	IC	
IC7607	MM1510XN-X	IC	
IC7608	MM1510XN-X	IC	
IC8001	SII9993CTG100	IC	
IC8002	S-24C02BFJ-X	IC	
IC8003	S-24C02BFJ-X	IC	
IC8004	SN74AHCT04PW-X	IC	

△Ref No.	Part No.	Part Name	Description Local
IC8005	S-80828CLNB-W	IC	
IC8006	TC74HC4066AFT-X	IC(DIGITAL)	
IC8008	AK4384VT-X	IC	
IC9001	MP1580HS-X	IC	
IC9101	MP1580HS-X	IC	
IC9201	MP1580HS-X	IC	
Q0101	2SC3837K/NP/-X	TRANSISTOR	
Q0102	2SA1022/BC/-X	TRANSISTOR	
Q0104	2SA1022/BC/-X	TRANSISTOR	
Q0107	2SA1530A/QR/-X	TRANSISTOR	
Q0108	2SC3928A/QR/-X	TRANSISTOR	
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0201	2SC3837K/NP/-X	TRANSISTOR	
Q0202	2SA1022/BC/-X	TRANSISTOR	
Q0203	2SC3928A/QR/-X	TRANSISTOR	
Q0204	2SA1022/BC/-X	TRANSISTOR	
Q0207	2SA1530A/QR/-X	TRANSISTOR	
Q0208	2SC3928A/QR/-X	TRANSISTOR	
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0301	2SC3837K/NP/-X	TRANSISTOR	
Q0302	2SA1022/BC/-X	TRANSISTOR	
Q0303	2SC3928A/QR/-X	TRANSISTOR	
Q0304	2SA1022/BC/-X	TRANSISTOR	
Q0307	2SA1530A/QR/-X	TRANSISTOR	
Q0308	2SC3928A/QR/-X	TRANSISTOR	
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q1001	UN2213-X	DIGI TRANSISTOR	
Q1003	2SC3928A/QR/-X	TRANSISTOR	
Q1004	2SA1530A/QR/-X	TRANSISTOR	
Q1101	2SC3928A/QR/-X	TRANSISTOR	
Q1103	2SA1530A/QR/-X	TRANSISTOR	
Q1201	2SC3928A/QR/-X	TRANSISTOR	
Q1203	2SA1530A/QR/-X	TRANSISTOR	
Q1301	2SC3928A/QR/-X	TRANSISTOR	
Q1303	2SA1530A/QR/-X	TRANSISTOR	
Q1401	2SC3928A/QR/-X	TRANSISTOR	
Q1403	2SA1530A/QR/-X	TRANSISTOR	
Q3001	2SC3928A/QR/-X	TRANSISTOR	
Q3002	2SA1530A/QR/-X	TRANSISTOR	
Q3003	2SC3928A/QR/-X	TRANSISTOR	
Q3004	2SA1530A/QR/-X	TRANSISTOR	
Q7206	UN2213-X	DIGI TRANSISTOR	
Q7207	DTA144EKA-X	DIGI TRANSISTOR	
Q8002	2SK1228-X	MOS FET	
Q8003	2SK1228-X	MOS FET	
Q8004	DTC363TK-X	DIGI TRANSISTOR	
Q8005	UN2113-X	DIGI TRANSISTOR	
Q8006	UN2213-X	DIGI TRANSISTOR	
D1001	EC30HA03L-X	SB DIODE	
D1002	EC30HA03L-X	SB DIODE	
D7001	MA111-X	SI DIODE	
D7002	MA8051/M/-X	Z DIODE	
D7003	MA111-X	SI DIODE	
D7005	MA8082/M/-X	Z DIODE	
D7006	MA8082/M/-X	Z DIODE	
D7007	MA8082/M/-X	Z DIODE	
D7008	MA8082/M/-X	Z DIODE	
D7009	MA8082/M/-X	Z DIODE	
D7203	MA111-X	SI DIODE	
D7204	MA111-X	SI DIODE	
D7210	RB501V-40-X	SB DIODE	
D7601	MA111-X	SI DIODE	
D8001	BAV99L-X	SI DIODE	
D8002	BAV99L-X	SI DIODE	
D8003	NAF0013-001X	ESD-SURPPRESSOR	
D8004	NAF0013-001X	ESD-SURPPRESSOR	
D8005	NAF0013-001X	ESD-SURPPRESSOR	
D8006	NAF0013-001X	ESD-SURPPRESSOR	
D8007	NAF0013-001X	ESD-SURPPRESSOR	
D8008	NAF0013-001X	ESD-SURPPRESSOR	
D8009	NAF0013-001X	ESD-SURPPRESSOR	
D8010	NAF0013-001X	ESD-SURPPRESSOR	
D8016	MA111-X	SI DIODE	
D8017	MA111-X	SI DIODE	
D9001	EC30HA03L-X	SB DIODE	
D9003	PTZ3.9B-X	Z DIODE	
D9101	EC30HA03L-X	SB DIODE	
D9102	EC30HA03L-X	SB DIODE	
D9103	PTZ3.9B-X	Z DIODE	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
D9104	MA111-X	SI DIODE		C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D9201	EC30HA03L-X	SB DIODE		C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D9203	PTZ3.9B-X	Z DIODE		C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K
D9204	MA111-X	SI DIODE		C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0103	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0203	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0303	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1511	NRSa63J-105X	MG RESISTOR	1MΩ 1/16W J
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0501	NRSa63J-102X	MG RESISTOR	1kΩ 1/16W J	C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0502	NRSa63J-102X	MG RESISTOR	1kΩ 1/16W J	C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0504	NRSa63J-102X	MG RESISTOR	1kΩ 1/16W J	C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0506	NRSa63J-332X	MG RESISTOR	3.3kΩ 1/16W J	C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0507	NRSa63J-102X	MG RESISTOR	1kΩ 1/16W J	C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C0508	NRSa63J-102X	MG RESISTOR	1kΩ 1/16W J	C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0511	NRSa63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C0512	NRSa63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0513	NRSa63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0514	NRSa63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0515	NRSa63J-222X	MG RESISTOR	2.2kΩ 1/16W J	C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3097	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K
				C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8012	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8017	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8019	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8021	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C8025	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8028	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8031	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8033	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8035	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8037	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8038	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8039	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8040	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8041	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3532	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8043	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C8044	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8046	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8048	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8050	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C8053	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8054	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C8104	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8105	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C8106	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C8112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8113	NEH71CM-106X	E CAPACITOR	10uF 16V M
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8114	NEH71CM-106X	E CAPACITOR	10uF 16V M
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C8115	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8118	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C8119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8120	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C9008	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C9012	NCB31HK-122X	C CAPACITOR	1200pF 50V K
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9112	NCB31HK-122X	C CAPACITOR	1200pF 50V K
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7027	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J	R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K	R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K	R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K	R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7614	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C7617	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C8001	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C8002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C8004	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0209	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C8007	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C8009	NDC31HJ-101X	C CAPACITOR	100pF 50V J				

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D
R0309	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J

3-36(No.YA092B)

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9207	NQR0413-003X	FERRITE BEADS	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7663	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8004	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8005	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8010	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8012	NRSA63D-820X	MG RESISTOR	82Ω 1/16W D	RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8014	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8015	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8016	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8017	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8018	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8019	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8020	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8023	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8028	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8032	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8036	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R8066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R8067	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R8069	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0101	NQL092K-2R2X	COIL	2.2uH K
R8070	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0201	NQL092K-2R2X	COIL	2.2uH K
R8071	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0301	NQL092K-2R2X	COIL	2.2uH K
R8072	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R8075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1001	NQR0489-002X	FERRITE BEADS	
R8079	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1002	NQR0489-002X	FERRITE BEADS	
R8080	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K
R8081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R8082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R8083	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1006	NQR0489-002X	FERRITE BEADS	
R8084	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1008	NQL79GM-220X	COIL	22uH M
R8090	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R8091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1011	NQL79GM-470X	COIL	47uH M
R8093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1101	NQL092K-6R8X	COIL	6.8uH K
R8095	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1102	NQR0489-002X	FERRITE BEADS	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L1103	NQL092K-1R0X	COIL	1uH K
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L1201	NQL092K-6R8X	COIL	6.8uH K
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	L1203	NQL092K-1R0X	COIL	1uH K
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	L1301	NQL092K-6R8X	COIL	6.8uH K
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	L1303	NQL092K-1R0X	COIL	1uH K
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1401	NQL092K-6R8X	COIL	6.8uH K
R9007	NQR0413-003X	FERRITE BEADS		L1403	NQL092K-1R0X	COIL	1uH K
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L1501	NQL092K-4R7X	COIL	4.7uH K
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L3001	NQR0489-002X	FERRITE BEADS	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	L3005	NQR0413-003X	FERRITE BEADS	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	L3006	NQR0413-003X	FERRITE BEADS	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	L3007	NQR0413-003X	FERRITE BEADS	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L3008	NQR0413-003X	FERRITE BEADS	
R9107	NQR0413-003X	FERRITE BEADS		L3009	NQR0413-003X	FERRITE BEADS	
R9108	NQR0413-003X	FERRITE BEADS		L3010	NQR0413-003X	FERRITE BEADS	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L3012	NQR0413-003X	FERRITE BEADS	
R9203	NCB31HK-122X	C CAPACITOR	1200pF 50V K	L3501	NQR0413-003X	FERRITE BEADS	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	L4001	NQR0413-003X	FERRITE BEADS	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	L4002	NQR0413-003X	FERRITE BEADS	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				

△Ref No.	Part No.	Part Name	Description	Local
L4003	NQR0413-003X	FERRITE BEADS		
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NQR0504-001X	EMI FILTER		
L6509	NQR0504-001X	EMI FILTER		
L6510	NQR0504-001X	EMI FILTER		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L8009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8018	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	

RECEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COPULINK III	
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NQR0489-002X	FERRITE BEADS		
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC7007	NQR0479-001X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	C RESONATOR		
X7601	NAX0613-001X	C RESONATOR		

REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)

REFER TO PARTS LIST IN PAGE 3-28 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

PRINTED WIRING BOARD PARTS LIST [HD-61Z575]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1005A-M2)

REFER TO PARTS LIST IN PAGE 3-13 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SRP-2005A-M2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASSY (SRP-3005A-M2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)

REFER TO PARTS LIST IN PAGE 3-20 FOR THIS P.W. BOARD.

SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)

REFER TO PARTS LIST IN PAGE 3-20 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SRP-9005A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D008A-M2)

△Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	MT46V2M32V1LG55	IC		
IC3502	MT46V2M32V1LG55	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-52Z585	IC	(SERVICE)	
IC4004	AT24C256-61Z575	IC	(SERVICE)	
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPA	IC(MCU)		
IC7002	AT24C25661Z575D	IC	(SERVICE)	
IC7401	S-80828CLNB-W	IC		
IC7601	M306V7MG-088FP	IC(MCU)		
IC7602	AT24C16-61Z575	IC	(SERVICE)	
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC8001	SI9993CTG100	IC		
IC8002	S-24C02BFJ-X	IC		
IC8003	S-24C02BFJ-X	IC		
IC8004	SN74AHCT04PW-X	IC		

△Ref No.	Part No.	Part Name	Description	Local
IC8005	S-80828CLNB-W	IC		
IC8006	TC74HC4066AFT-X	IC(DIGITAL)		
IC8008	AK4384VT-X	IC		
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q8002	2SK1228-X	MOS FET		
Q8003	2SK1228-X	MOS FET		
Q8004	DTC363TK-X	DIGI TRANSISTOR		
Q8005	UN2113-X	DIGI TRANSISTOR		
Q8006	UN2213-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7601	MA111-X	SI DIODE		
D8001	BAV99L-X	SI DIODE		
D8002	BAV99L-X	SI DIODE		
D8003	NAF0013-001X	ESD-SURPPRESSOR		
D8004	NAF0013-001X	ESD-SURPPRESSOR		
D8005	NAF0013-001X	ESD-SURPPRESSOR		
D8006	NAF0013-001X	ESD-SURPPRESSOR		
D8007	NAF0013-001X	ESD-SURPPRESSOR		
D8008	NAF0013-001X	ESD-SURPPRESSOR		
D8009	NAF0013-001X	ESD-SURPPRESSOR		
D8010	NAF0013-001X	ESD-SURPPRESSOR		
D8016	MA111-X	SI DIODE		
D8017	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
D9104	MA111-X	SI DIODE		C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D9201	EC30HA03L-X	SB DIODE		C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D9203	PTZ3.9B-X	Z DIODE		C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K
D9204	MA111-X	SI DIODE		C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
				C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K
C0103	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0203	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0303	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3097	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8012	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8017	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8019	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8021	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C8025	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8028	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8031	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8033	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8035	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8037	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8038	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8039	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8040	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8041	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3532	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8043	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C8044	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8046	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8048	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8050	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C8053	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8054	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C8104	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8105	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C8106	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C8112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8113	NEH71CM-106X	E CAPACITOR	10uF 16V M
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8114	NEH71CM-106X	E CAPACITOR	10uF 16V M
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C8115	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8118	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C8119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8120	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C9008	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C9012	NCB31HK-122X	C CAPACITOR	1200pF 50V K
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9112	NCB31HK-122X	C CAPACITOR	1200pF 50V K
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7027	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J	R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K	R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K	R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K	R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7614	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C7617	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C8001	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C8002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C8004	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0209	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C8007	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C8009	NDC31HJ-101X	C CAPACITOR	100pF 50V J				

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D
R0309	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J

(No.YA092B)3-43

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9207	NQR0413-003X	FERRITE BEADS	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7663	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8004	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8005	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8010	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8012	NRSA63D-820X	MG RESISTOR	82Ω 1/16W D	RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8014	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8015	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8016	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8017	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8018	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8019	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8020	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8023	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8028	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8032	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8036	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R8066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R8067	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R8069	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0101	NQL092K-2R2X	COIL	2.2uH K
R8070	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0201	NQL092K-2R2X	COIL	2.2uH K
R8071	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0301	NQL092K-2R2X	COIL	2.2uH K
R8072	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R8075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1001	NQR0489-002X	FERRITE BEADS	
R8079	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1002	NQR0489-002X	FERRITE BEADS	
R8080	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K
R8081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R8082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R8083	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1006	NQR0489-002X	FERRITE BEADS	
R8084	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1008	NQL79GM-220X	COIL	22uH M
R8090	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R8091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1011	NQL79GM-470X	COIL	47uH M
R8093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1101	NQL092K-6R8X	COIL	6.8uH K
R8095	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1102	NQR0489-002X	FERRITE BEADS	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L1103	NQL092K-1R0X	COIL	1uH K
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L1201	NQL092K-6R8X	COIL	6.8uH K
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	L1203	NQL092K-1R0X	COIL	1uH K
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	L1301	NQL092K-6R8X	COIL	6.8uH K
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	L1303	NQL092K-1R0X	COIL	1uH K
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1401	NQL092K-6R8X	COIL	6.8uH K
R9007	NQR0413-003X	FERRITE BEADS		L1403	NQL092K-1R0X	COIL	1uH K
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L1501	NQL092K-4R7X	COIL	4.7uH K
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L3001	NQR0489-002X	FERRITE BEADS	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	L3005	NQR0413-003X	FERRITE BEADS	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	L3006	NQR0413-003X	FERRITE BEADS	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	L3007	NQR0413-003X	FERRITE BEADS	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L3008	NQR0413-003X	FERRITE BEADS	
R9107	NQR0413-003X	FERRITE BEADS		L3009	NQR0413-003X	FERRITE BEADS	
R9108	NQR0413-003X	FERRITE BEADS		L3010	NQR0413-003X	FERRITE BEADS	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L3012	NQR0413-003X	FERRITE BEADS	
R9203	NCB31HK-122X	C CAPACITOR	1200pF 50V K	L3501	NQR0413-003X	FERRITE BEADS	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	L4001	NQR0413-003X	FERRITE BEADS	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	L4002	NQR0413-003X	FERRITE BEADS	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				

△Ref No.	Part No.	Part Name	Description Local
L4003	NQR0413-003X	FERRITE BEADS	
L6501	NQR0351-001X	FERRITE BEADS	
L6508	NQR0504-001X	EMI FILTER	
L6509	NQR0504-001X	EMI FILTER	
L6510	NQR0504-001X	EMI FILTER	
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L8009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L8010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L8014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L8018	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L9001	NQL71EM-150X	COIL	15uH M
L9101	NQL71EM-150X	COIL	15uH M
L9201	NQL71EM-150X	COIL	15uH M
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN
J7001	QNS0001-001	3.5 JACK	AV COMPULINKIII
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K3010	NQR0489-002X	FERRITE BEADS	
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M
LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z
LC7007	NQR0479-001X	EMI FILTER	
SL7001	NAX0613-001X	C RESONATOR	
X1001	NAX0642-001X	CRYSTAL	
X3001	NAX0635-001X	CXO	
X3003	NAX0668-001X	CXO	
X4001	NAX0669-001X	C RESONATOR	
X7601	NAX0613-001X	C RESONATOR	

RECEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)

REFER TO PARTS LIST IN PAGE 3-28 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

PRINTED WIRING BOARD PARTS LIST [HD-61Z585]

ANALOG SIGNAL P.W. BOARD ASS'Y
(SRP-1005A-M2)

REFER TO PARTS LIST IN PAGE 3-13 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SRP-2005A-M2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASSY (SRP-3005A-M2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

REMOTE SENSOR P.W. BOARD ASS'Y
(SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)

REFER TO PARTS LIST IN PAGE 3-20 FOR THIS P.W. BOARD.

SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)

REFER TO PARTS LIST IN PAGE 3-20 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SRP-9005A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y
(SRP0D006A-M2)

△Ref No.	Part No.	Part Name	Description Local
IC0401	SN74AHCT1G32V-X	IC	
IC1001	TC90A92AFG	IC	
IC1502	NJM2235V-X	IC	
IC3001	JCC5055	IC	
IC3004	TC7MB3257FK-X	IC	
IC3005	SN74LVC1G08V-X	IC	
IC3006	SN74LVC2G126T-X	IC	
IC3403	S-80928CLNB-W	IC	
IC3501	MT46V2M32V1LG55	IC	
IC3502	MT46V2M32V1LG55	IC	
IC3503	LP2996MR-X	IC	
IC4001	JCC5057	IC	
IC4003	AT29LV01-52Z585	IC	(SERVICE)
IC4004	AT24C256-61Z585	IC	(SERVICE)
IC4005	SN74LVC1G08V-X	IC	
IC6502	THC63LVDM83R-W	IC	
IC7001	MN102H60KPA	IC(MCU)	
IC7002	AT24C25661Z585D	IC	(SERVICE)
IC7401	S-80828CLNB-W	IC	
IC7601	M306V7MG-088FP	IC(MCU)	
IC7602	AT24C16-61Z585	IC	(SERVICE)
IC7603	SN74LVC1G04V-X	IC	
IC7607	MM1510XN-X	IC	
IC7608	MM1510XN-X	IC	
IC8001	SII9993CTG100	IC	
IC8002	S-24C02BFJ-X	IC	
IC8003	S-24C02BFJ-X	IC	
IC8004	SN74AHCT04PW-X	IC	

△Ref No.	Part No.	Part Name	Description Local
IC8005	S-80828CLNB-W	IC	
IC8006	TC74HC4066AFT-X	IC(DIGITAL)	
IC8008	AK4384VT-X	IC	
IC9001	MP1580HS-X	IC	
IC9101	MP1580HS-X	IC	
IC9201	MP1580HS-X	IC	
Q0101	2SC3837K/NP/-X	TRANSISTOR	
Q0102	2SA1022/BC/-X	TRANSISTOR	
Q0104	2SA1022/BC/-X	TRANSISTOR	
Q0107	2SA1530A/QR/-X	TRANSISTOR	
Q0108	2SC3928A/QR/-X	TRANSISTOR	
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0201	2SC3837K/NP/-X	TRANSISTOR	
Q0202	2SA1022/BC/-X	TRANSISTOR	
Q0203	2SC3928A/QR/-X	TRANSISTOR	
Q0204	2SA1022/BC/-X	TRANSISTOR	
Q0207	2SA1530A/QR/-X	TRANSISTOR	
Q0208	2SC3928A/QR/-X	TRANSISTOR	
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0301	2SC3837K/NP/-X	TRANSISTOR	
Q0302	2SA1022/BC/-X	TRANSISTOR	
Q0303	2SC3928A/QR/-X	TRANSISTOR	
Q0304	2SA1022/BC/-X	TRANSISTOR	
Q0307	2SA1530A/QR/-X	TRANSISTOR	
Q0308	2SC3928A/QR/-X	TRANSISTOR	
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q1001	UN2213-X	DIGI TRANSISTOR	
Q1003	2SC3928A/QR/-X	TRANSISTOR	
Q1004	2SA1530A/QR/-X	TRANSISTOR	
Q1101	2SC3928A/QR/-X	TRANSISTOR	
Q1103	2SA1530A/QR/-X	TRANSISTOR	
Q1201	2SC3928A/QR/-X	TRANSISTOR	
Q1203	2SA1530A/QR/-X	TRANSISTOR	
Q1301	2SC3928A/QR/-X	TRANSISTOR	
Q1303	2SA1530A/QR/-X	TRANSISTOR	
Q1401	2SC3928A/QR/-X	TRANSISTOR	
Q1403	2SA1530A/QR/-X	TRANSISTOR	
Q3001	2SC3928A/QR/-X	TRANSISTOR	
Q3002	2SA1530A/QR/-X	TRANSISTOR	
Q3003	2SC3928A/QR/-X	TRANSISTOR	
Q3004	2SA1530A/QR/-X	TRANSISTOR	
Q7206	UN2213-X	DIGI TRANSISTOR	
Q7207	DTA144EKA-X	DIGI TRANSISTOR	
Q8002	2SK1228-X	MOS FET	
Q8003	2SK1228-X	MOS FET	
Q8004	DTC363TK-X	DIGI TRANSISTOR	
Q8005	UN2113-X	DIGI TRANSISTOR	
Q8006	UN2213-X	DIGI TRANSISTOR	
D1001	EC30HA03L-X	SB DIODE	
D1002	EC30HA03L-X	SB DIODE	
D7001	MA111-X	SI DIODE	
D7002	MA8051/M/-X	Z DIODE	
D7003	MA111-X	SI DIODE	
D7005	MA8082/M/-X	Z DIODE	
D7006	MA8082/M/-X	Z DIODE	
D7007	MA8082/M/-X	Z DIODE	
D7008	MA8082/M/-X	Z DIODE	
D7009	MA8082/M/-X	Z DIODE	
D7203	MA111-X	SI DIODE	
D7204	MA111-X	SI DIODE	
D7210	RB501V-40-X	SB DIODE	
D7601	MA111-X	SI DIODE	
D8001	BAV99L-X	SI DIODE	
D8002	BAV99L-X	SI DIODE	
D8003	NAF0013-001X	ESD-SURPPRESSOR	
D8004	NAF0013-001X	ESD-SURPPRESSOR	
D8005	NAF0013-001X	ESD-SURPPRESSOR	
D8006	NAF0013-001X	ESD-SURPPRESSOR	
D8007	NAF0013-001X	ESD-SURPPRESSOR	
D8008	NAF0013-001X	ESD-SURPPRESSOR	
D8009	NAF0013-001X	ESD-SURPPRESSOR	
D8010	NAF0013-001X	ESD-SURPPRESSOR	
D8016	MA111-X	SI DIODE	
D8017	MA111-X	SI DIODE	
D9001	EC30HA03L-X	SB DIODE	
D9003	PTZ3.9B-X	Z DIODE	
D9101	EC30HA03L-X	SB DIODE	
D9102	EC30HA03L-X	SB DIODE	
D9103	PTZ3.9B-X	Z DIODE	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
D9104	MA111-X	SI DIODE		C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D9201	EC30HA03L-X	SB DIODE		C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D9203	PTZ3.9B-X	Z DIODE		C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K
D9204	MA111-X	SI DIODE		C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0103	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0203	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0303	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1511	NRSa63J-105X	MG RESISTOR	1MΩ 1/16W J
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0501	NRSa63J-102X	MG RESISTOR	1kΩ 1/16W J	C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0502	NRSa63J-102X	MG RESISTOR	1kΩ 1/16W J	C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0504	NRSa63J-102X	MG RESISTOR	1kΩ 1/16W J	C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0506	NRSa63J-332X	MG RESISTOR	3.3kΩ 1/16W J	C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0507	NRSa63J-102X	MG RESISTOR	1kΩ 1/16W J	C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C0508	NRSa63J-102X	MG RESISTOR	1kΩ 1/16W J	C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0511	NRSa63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C0512	NRSa63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0513	NRSa63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0514	NRSa63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0515	NRSa63J-222X	MG RESISTOR	2.2kΩ 1/16W J	C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3097	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K
				C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8012	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8017	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8019	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8021	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C8025	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8028	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8031	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8033	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8035	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8037	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8038	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8039	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8040	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8041	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3532	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8043	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C8044	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8046	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C8048	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8050	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C8053	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8054	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C8104	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C8105	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C8106	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C8112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8113	NEH71CM-106X	E CAPACITOR	10uF 16V M
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8114	NEH71CM-106X	E CAPACITOR	10uF 16V M
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C8115	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8118	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C8119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	C8120	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C9008	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C9012	NCB31HK-122X	C CAPACITOR	1200pF 50V K
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9112	NCB31HK-122X	C CAPACITOR	1200pF 50V K
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7027	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J	R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K	R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K	R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K	R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7614	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C7617	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C8001	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C8002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C8004	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0209	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C8007	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C8009	NDC31HJ-101X	C CAPACITOR	100pF 50V J				

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D
R0309	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J

3-50(No.YA092B)

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9207	NQR0413-003X	FERRITE BEADS	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7663	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8004	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8005	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8010	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8012	NRSA63D-820X	MG RESISTOR	82Ω 1/16W D	RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8014	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R8015	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R8016	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8017	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8018	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8019	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8020	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8023	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8028	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8032	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8036	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R8043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R8066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R8067	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R8069	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0101	NQL092K-2R2X	COIL	2.2uH K
R8070	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0201	NQL092K-2R2X	COIL	2.2uH K
R8071	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0301	NQL092K-2R2X	COIL	2.2uH K
R8072	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R8075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1001	NQR0489-002X	FERRITE BEADS	
R8079	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1002	NQR0489-002X	FERRITE BEADS	
R8080	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K
R8081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R8082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R8083	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1006	NQR0489-002X	FERRITE BEADS	
R8084	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1008	NQL79GM-220X	COIL	22uH M
R8090	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R8091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1011	NQL79GM-470X	COIL	47uH M
R8093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1101	NQL092K-6R8X	COIL	6.8uH K
R8095	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1102	NQR0489-002X	FERRITE BEADS	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L1103	NQL092K-1R0X	COIL	1uH K
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L1201	NQL092K-6R8X	COIL	6.8uH K
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	L1203	NQL092K-1R0X	COIL	1uH K
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	L1301	NQL092K-6R8X	COIL	6.8uH K
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	L1303	NQL092K-1R0X	COIL	1uH K
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1401	NQL092K-6R8X	COIL	6.8uH K
R9007	NQR0413-003X	FERRITE BEADS		L1403	NQL092K-1R0X	COIL	1uH K
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L1501	NQL092K-4R7X	COIL	4.7uH K
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L3001	NQR0489-002X	FERRITE BEADS	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	L3005	NQR0413-003X	FERRITE BEADS	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	L3006	NQR0413-003X	FERRITE BEADS	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	L3007	NQR0413-003X	FERRITE BEADS	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L3008	NQR0413-003X	FERRITE BEADS	
R9107	NQR0413-003X	FERRITE BEADS		L3009	NQR0413-003X	FERRITE BEADS	
R9108	NQR0413-003X	FERRITE BEADS		L3010	NQR0413-003X	FERRITE BEADS	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L3012	NQR0413-003X	FERRITE BEADS	
R9203	NCB31HK-122X	C CAPACITOR	1200pF 50V K	L3501	NQR0413-003X	FERRITE BEADS	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	L4001	NQR0413-003X	FERRITE BEADS	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	L4002	NQR0413-003X	FERRITE BEADS	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				

△Ref No.	Part No.	Part Name	Description	Local
L4003	NQR0413-003X	FERRITE BEADS		
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NQR0504-001X	EMI FILTER		
L6509	NQR0504-001X	EMI FILTER		
L6510	NQR0504-001X	EMI FILTER		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L8009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8018	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINKIII	
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NQR0489-002X	FERRITE BEADS		
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M	

△Ref No.	Part No.	Part Name	Description	Local
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC7007	NQR0479-001X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	C RESONATOR		
X7601	NAX0613-001X	C RESONATOR		

REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)

REFER TO PARTS LIST IN PAGE 3-28 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

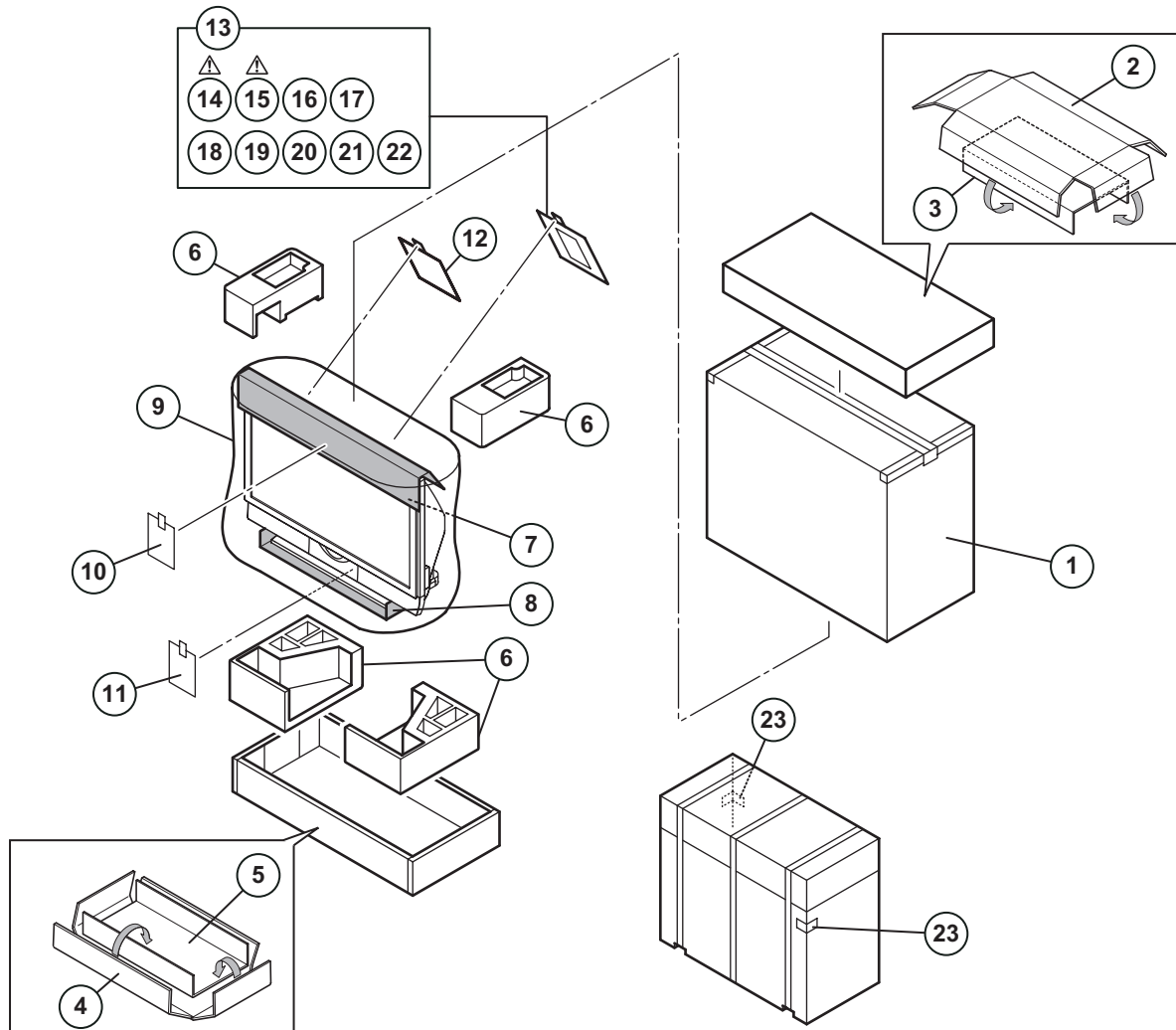
RECEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

REMOTE CONTROL UNIT PARTS LIST (RM-C15G-1H)

△ Ref No.	Part No.	Part Name	Description	Local
	UR77EC1403A	BATTERY COVER		

PACKING



PACKING PARTS LIST

△	Ref.No.	Part No.	Part Name	Description	Local
	1	LC12022-001A-A	PACKING CASE		HD-52Z575,HD-52Z585
	1	LC12022-002A-A	PACKING CASE		HD-61Z575,HD-61Z585
	2	LC12031-001A-A	TOP CASE		HD-52Z575,HD-52Z585
	2	LC12031-002A-A	TOP CASE		HD-61Z575,HD-61Z585
	3	LC12060-001A-A	TOP PAD		HD-52Z575,HD-52Z585
	3	LC12060-003A-A	TOP PAD		HD-61Z575,HD-61Z585
	4	LC12023-001A-A	BOTTOM CASE		HD-52Z575,HD-52Z585
	4	LC12023-002A-A	BOTTOM CASE		HD-61Z575,HD-61Z585
	5	LC12060-002A-A	BOTTOM PAD		HD-52Z575,HD-52Z585
	5	LC12060-004A-A	BOTTOM PAD		HD-61Z575,HD-61Z585
	6	LC11878-002A-A	CUSHION ASSY	4pcs in 1set	HD-52Z575,HD-52Z585
	6	LC11919-002A-A	CUSHION ASSY	4pcs in 1set	HD-61Z575,HD-61Z585
	7	CP30055-007-A	TOP COVER		
	8	CP30055-A02-A	BOTTOM COVER		
	9	LC32833-001A-A	POLY BAG		HD-52Z575,HD-52Z585
	9	CP30056-012-A	POLY BAG		HD-61Z575,HD-61Z585
	10	LCT1711-001A-A	INST SHEET	Notice(HANDLING)	
	11	LCT1728-001B-A	INST SHEET	Notes(POWER ON/OFF)	
	12	LCT1721-001A-A	INST SHEET	Important Notice(COOL DOWN)	
	13	QPA02503505	POLY BAG	25cm x 35cm	
△	14	LCT1611-001A-A	INST BOOK	English	
△	15	LCT1612-001A-A	INST BOOK	French	
	16	GQ40028-001A-A	INST SHEET		
	17	LCT1717-001A-A	INST SHEET	Additional Information	
	18	LCT1724-001A-A	INST SHEET	Correction(AUTO DEMO)	
	19	LCT1725-001A-A	INST SHEET	Correction(DEMENSIONS)	
	20	BT-51034-2Q	REGIST. CARD		
	21	RM-C15G-1H	REMOCON UNIT		
	22	-----	BATTERY	R6P/AA(x2)	
	23	GQ30037-001A-A	CORNER LABEL	2pcs in 1set	